Panasonic®

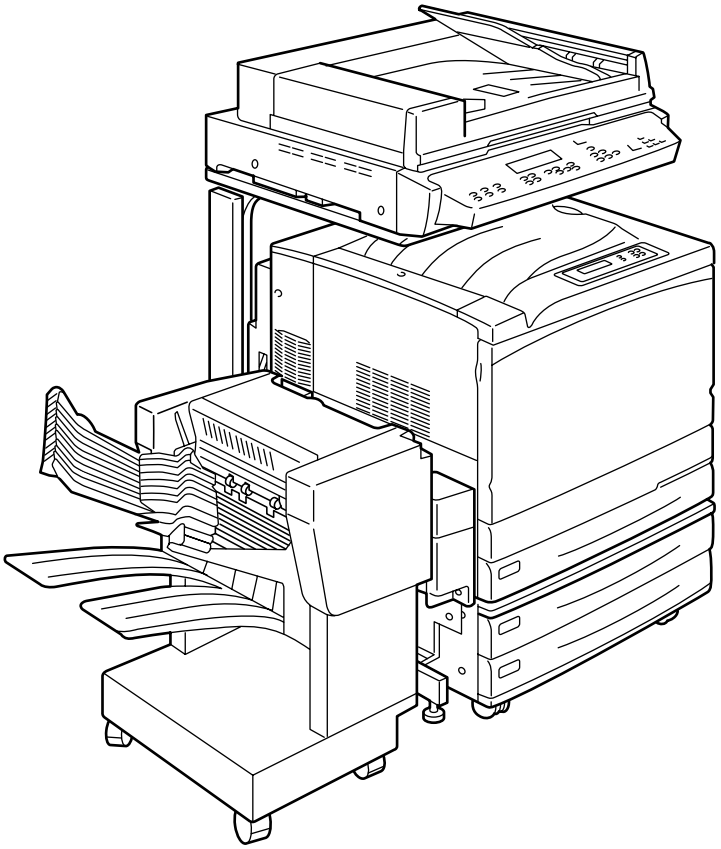
Digital Color Imaging System

Documentation

Model No.

DP-C106

Options
DA-TL28C/TL26C/RM64C/RM128C/DU26C/SM112C/S27C



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Safety Notes

Your DP-C106 and its supplies have been designed and tested to meet strict safety requirements. These include safety agency examination and approval, and compliance with established environmental standards. Please read the following instructions carefully before operating the DP-C106.

Failure to follow the recommendations in this section may result in personal injury or rescinding of the Dealer's Warranty/Maintenance Agreement.

WARNING

An improper connection to the DP-C106 grounding conductor can result in electrical shock. **Always** connect the copier to a properly grounded wall outlet. If in doubt, have the outlet checked by a qualified electrician.

Never use an extension cord between the copier power cord and an electrical outlet.

Do not allow anything to rest on the power cord.

Do not place the DP-C106 where people may step on the power cord.

Follow all warnings and instructions that are marked on or supplied with the DP-C106.

Never override or "cheat" electrical or mechanical interlock devices.

Always locate the DP-C106 on a solid support surface with adequate strength for the weight of the copier.

Do not use the DP-C106 near water, wet locations, or outdoors.

Never push objects of any kind into the slots in the covers, as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock.

The DP-C106 is designed to prevent user access to unsafe areas and to ensure that the device will not operate with the covers opened. Never attempt any maintenance function that is not specified in the DP-C106 Operating Instructions.

Never remove any covers or guards that require a tool for removal, unless you are instructed to do so. Ensure that you read all Warnings and Cautions, and follow each step in the instructions exactly as they are written.

Never attempt any activity that is not specified in the DP-C106 Operating Instructions, or on the User Interface, or that is not specifically directed by an authorized Panasonic representative.

Do not look directly at the exposure lamps. The exposure lamps are not harmful but they are very bright and may cause discomfort. It is recommended that the Scanner Cover be closed when the DP-C106 is in use.

Never operate the DP-C106 if unusual noises or odors are detected. Disconnect the power cord from the wall outlet and call your local authorized Panasonic service representative to correct any problems.

Maintenance Safety

Refer to these instructions as needed in order to ensure the safe operation of the Copier/Printer.

Always use materials that are supplied or approved by Panasonic. Use of other materials may result in poor performance and could create a hazardous situation.

Do not use aerosol cleaners. Follow the instructions in the DP-C106 Operating Instructions for the appropriate cleaning methods.

Never use supplies or cleaning materials for purposes other than what they were intended. Keep all supplies and cleaning materials out of the reach of children.

Never place coffee or other liquids on the machine.

Never spill liquid of any kind on the machine.

The DP-C106 is equipped with an energy-saving device to conserve power when not in use.

Unplug the DP-C106 from the wall outlet and refer servicing to qualified service personnel under the following conditions:

- When the power cord is damaged or frayed
- If liquid has been spilled into the DP-C106
- If the DP-C106 has been exposed to rain or water
- If the DP-C106 is producing unusual noises or odors

If the system does not work or continues to malfunction after following the Problem Solving procedures in the DP-C106 Operating Instructions, call your local authorized Panasonic service representative.

Ozone Safety

Make sure that the machine is installed in a spacious or well-ventilated room so as not to increase the amount of ozone in the air, since ozone is heavier than air, it is recommended that air at floor level be ventilated.

Laser Safety

Use of controls, adjustments or performance procedures other than those specified herein, may result in hazardous laser radiation exposure.

This equipment complies with safety standards. With specific regard to laser safety, the equipment complies with performance standards for laser products set by government agencies as a Class I laser product and does not emit hazardous lights, the beam is totally enclosed during all modes of customer operation and maintenance.

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Safety Notes

FCC

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Responsible Party: Matsushita Electric Corporation of America
One Panasonic Way, Secaucus, NJ 07094

Technical Support: Panasonic Document Imaging Company/
Technical Support Department
Two Panasonic Way, Secaucus, NJ 07094
1-800-225-5329
Email: consumerproducts@panasonic.com

The user could lose the authority to operate this equipment if any unauthorized changes or modifications are made to this equipment.

Shielded cables must be used with this equipment to maintain compliance with FCC regulations.

European Union

This product complies with the requirements of EC Council Directives 73/23/EEC amended by 93/68/EEC, and 89/336/EEC amended by 92/31/EEC and 93/68/EEC.

WARNING

This product is certified, manufactured and tested in compliance with strict safety and radio frequency interference regulations. Any unauthorized alteration, which includes the addition of new functions or the connection of external devices, may impact this certification. Please contact your local authorized Panasonic representative for a list of approved accessories.

WARNING

In order to allow this equipment to operate in proximity to Industrial, Scientific and Medical (ISM) equipment, the external radiation from the ISM equipment may have to be limited or special mitigation measures taken.

WARNING

This is a Class A product. In a domestic environment this product may cause radio frequency interference in which case the user may be required to take adequate measures.

The user could lose the authority to operate this equipment if any unauthorized changes or modifications are made to this equipment.

Shielded cables must be used with this equipment to maintain compliance with the Radio Communications Act of 1992.

Documentation Conventions

The following conventions are used throughout the Operating Instructions.

WARNING

Warnings alert you to potential hazard that could result in serious injury or death.

CAUTION

Cautions alert you to operations that may result in minor injury or damage to the machine.

Notes contain additional information, explanations, and helpful suggestions.

Keypoints provide techniques or shortcuts.

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Glossary

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1 Setting Up the DP-C106

This chapter contains the hardware installation instructions only. To install the printer driver software, go to the *Installing Your User Software* chapter. To install to the network, go to the appropriate chapter for your operating system.

Preparing for the Installation

Before you begin the installation of your Panasonic DP-C106, read this entire section. You must locate an appropriate site for the installation of the DP-C106. Reading this section assists you with the decision making process.

Selecting a Location

WARNING

The wall outlet must be rated for 115 or 240 volts. It must also be protected for at least 15 amps for 115 volts, or 8 amps for 240 volts. If you are in doubt about a power source, ensure that a qualified electrician checks the outlet.
Do not connect any other devices to the wall outlet designated for the DP-C106.

Install the Panasonic DP-C106 in a location that meets the following conditions:

- The DP-C106 has a designated wall outlet.
- The power cord cannot be stepped on, or be a tripping hazard.
- The location has a level, stable surface.

DO NOT install the DP-C106 in a location that has any of the following conditions:

- In direct sun light
- In a dusty place
- In a windy place
- Where it might be subject to vibration
- Near an air conditioner or heater
- Near an open flame
- Near water
- Near a magnetic field
- Where abrupt changes in temperature or humidity occur

Space Requirements for the DP-C106 Printer

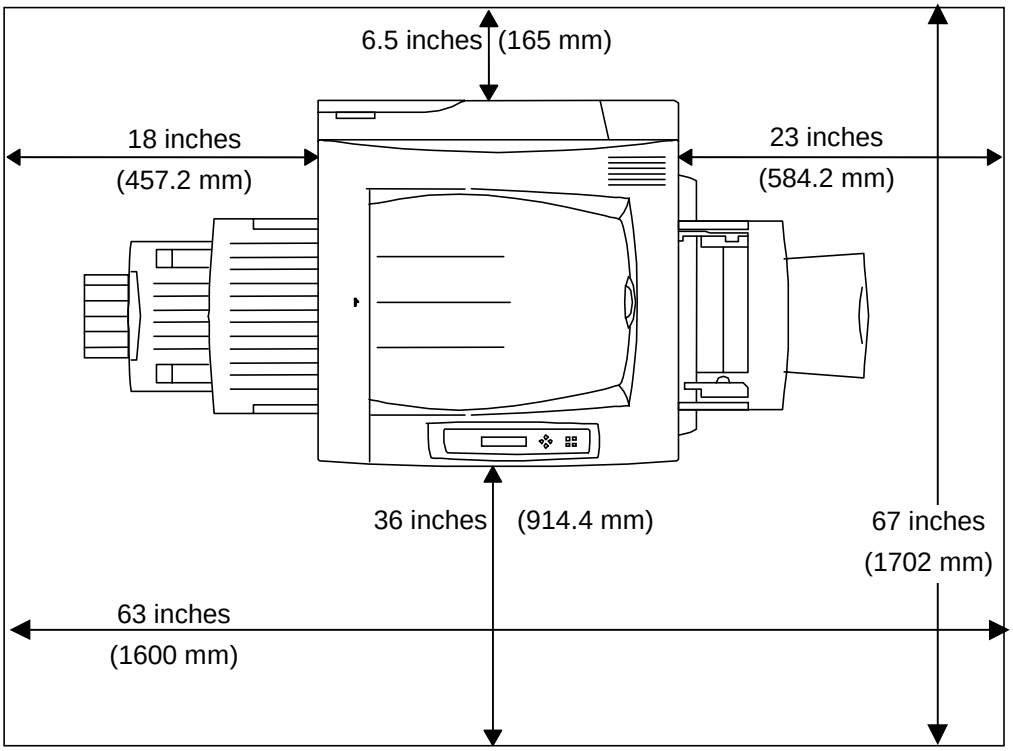
CAUTION

The Panasonic DP-C106 has ventilation openings on the side and rear, which must remain unobstructed for safe operation. The Printer should be located at least 6 and 1/2 inches (165 mm) from the wall. Obstructing the ventilation openings could present a fire hazard.

Using the space requirements illustrated below ensures that the Printer has the ventilation it requires. It also ensures that you have the space needed for replacing the supplies.

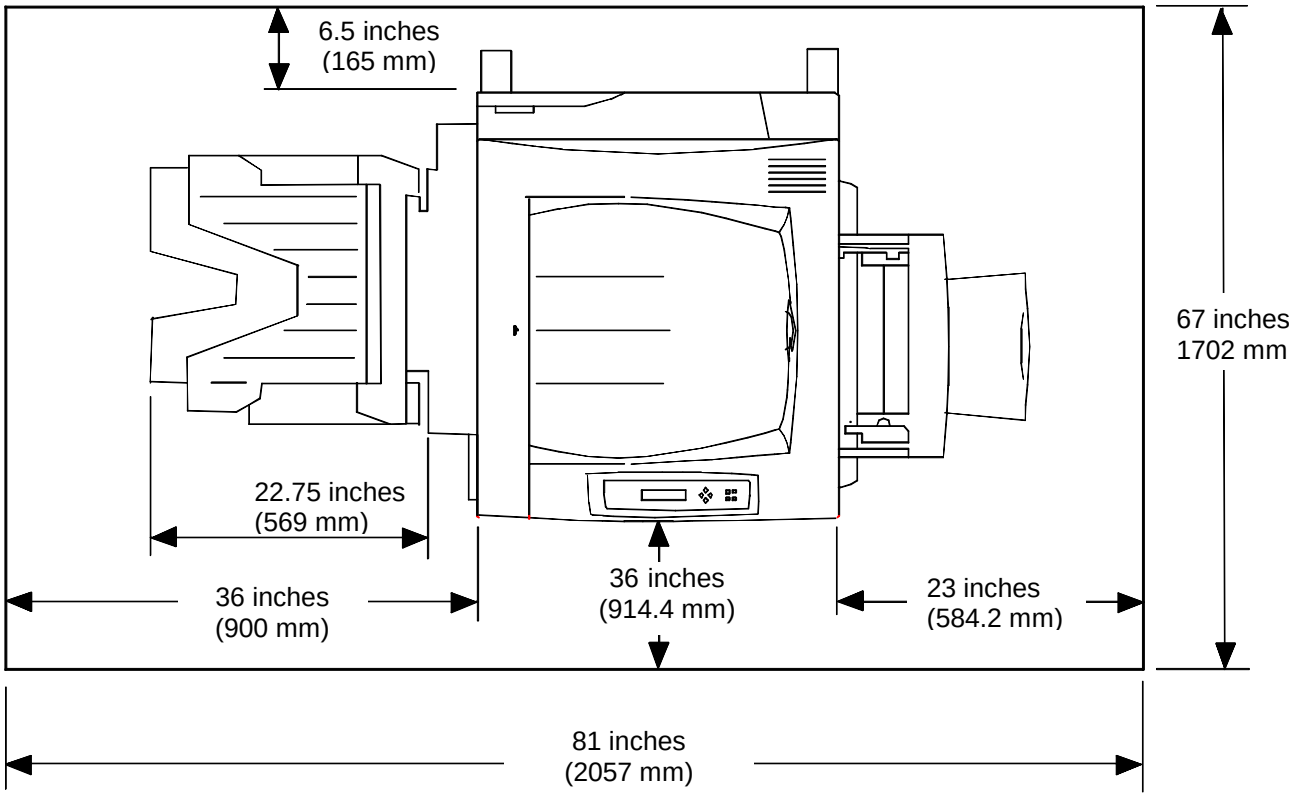
Space Requirements Without the Optional 10 Bin Sorter

The following illustration is a top view of the printer.



Space Requirements With the Optional 10 Bin Sorter

The following illustration shows the dimensions for the largest configuration of the Copier/Printer, which includes a Duplex Unit/Kit and a 10 Bin Sorter.



Checking the Installation Components

Ensure that all of the components you ordered are available **before** you begin the installation. All of the components are listed below.

- Printer
- Scanner with ADF
- Scanner Rack
- System Console
- Duplex Unit (For North America) (optional)

  Duplex Kit (Except North America) (optional)

You may need a phillips head and a flat blade screwdriver in order to perform the installation of the DP-C106.

Following the instructions ensures that the DP-C106 components are installed in the following order:

1. System Console
2. Printer
3. Duplex Unit/Kit, if ordered
4. Scanner Rack
5. Scanner with ADF
6. Accessories, if ordered
7. Client Software (customer installed)

The First Step

If the DP-C106 was installed for you, go to *Chapter 2. Getting to Know the DP-C106*.

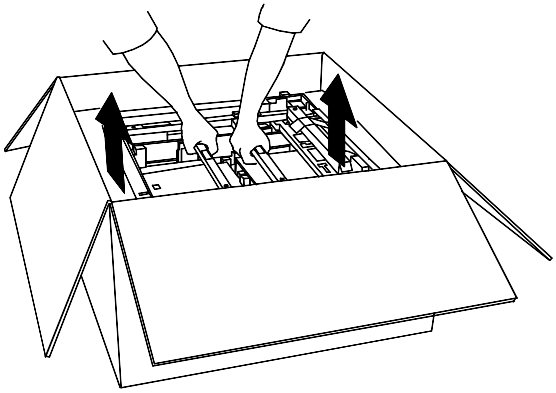
Go to *Installing the System Console* procedure in this section.

Installing the System Console

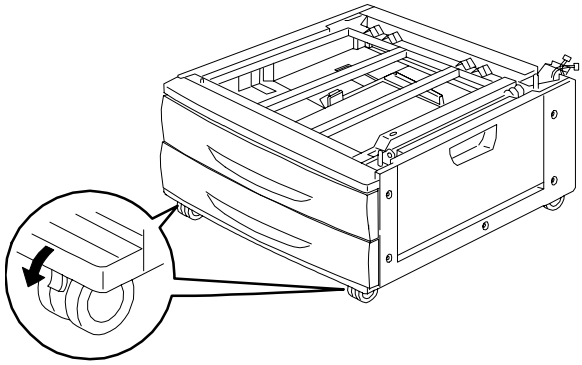
To install the System Console, perform the following steps.

WARNING
You will need at least two people to remove it from the carton.

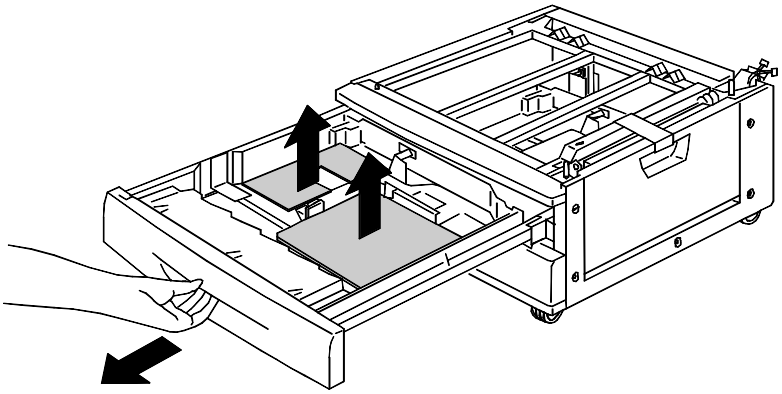
1. Open the System Console carton.
2. Remove the styrofoam and the plastic wrap from the top of the System Console.
3. With a person on each side of the box, grasp the crossbars in the locations indicated by the labels.



4. Lift the System Console from the box and place it in the selected location.
5. Lock the front casters as shown below.



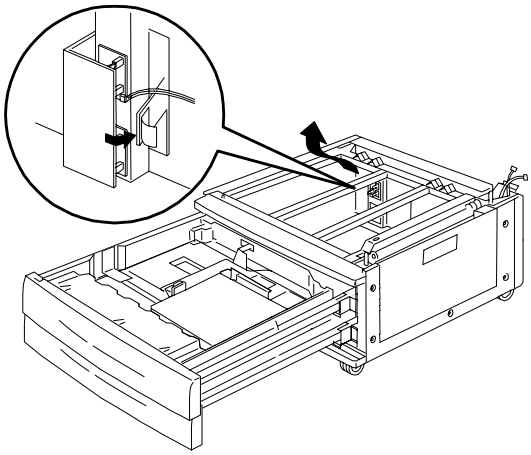
6. Remove all the tape from the outside of the System Console.
7. Pull the top paper tray open until it stops, and remove the packing shown below.



8. Close the top tray and repeat step 7 for the lower paper tray.
9. Open the two paper trays.

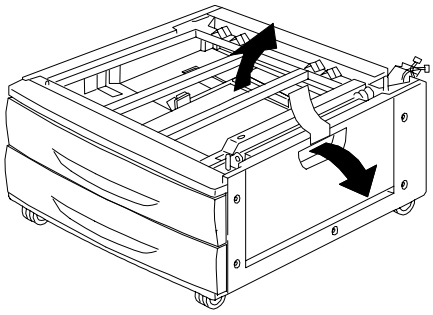
WARNING
Use care when removing the packing from connectors and wire harnesses.

10. Remove the cardboard protector from the rear post shown below.

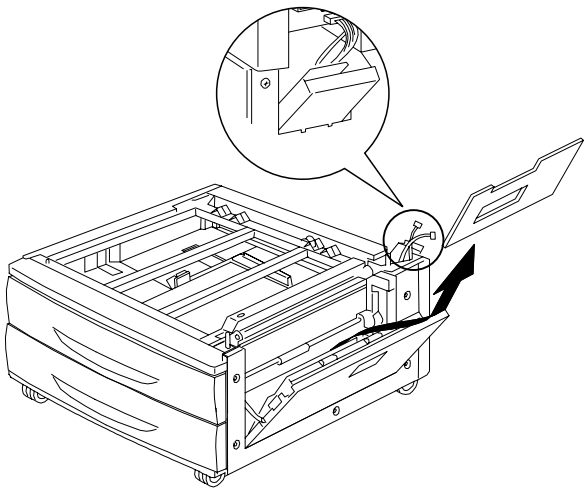


11. Close the two paper trays.

12. Remove the tape from the paper feed area access door, and then open the door.



13. Remove the cardboard packing shown below.



CAUTION
Open the Harness Access Cover before placing the Printer on top of the System Console.

14. Close the paper feed area access door.

The Next Step

Go to the *Unpacking the Printer* procedure in this section.

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Unpacking the Printer

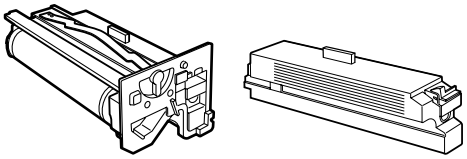
Read all the steps **before** performing this procedure. There are decisions to make before removing the Printer from the packing.

Ensure that the following items are included in the carton:

1. Remove the four cardboard supports and the Styrofoam packing from the top of the Printer.
2. Remove the cardboard tray from the top of the Printer and place it in a safe place, out of the way of the installation.
   The cardboard tray contains the following items:

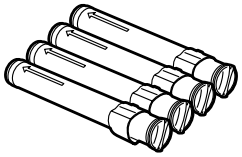
- One Print/Copy Cartridge Box

  (with Toner Waste Container)



- Four Toner Boxes

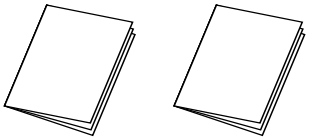
  (Yellow, Cyan, Magenta and Black)



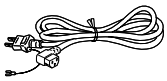
- CD Package Containing one CD

  (DP-C106 Printer Drivers,
  Utilities & Documentation)

- Installation Instructions Booklet
  Operating Instructions Booklet



- Power Cord



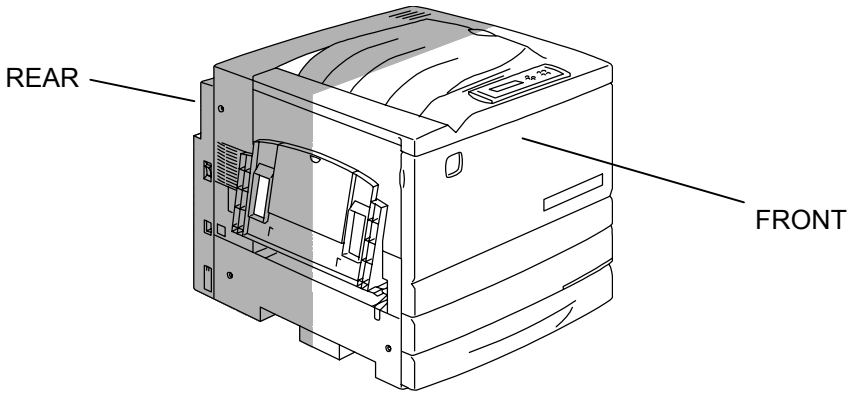
- Output Tray

3. Pull the plastic wrap that is around the Printer down around the pallet and away from the bottom of the Printer.
4. Before lifting the Printer from the pallet, read all the Warnings and Cautions on the next page.

WARNING

The Printer weighs 153 pounds (69.5 kg) without the Toner Cartridges and the Print/Copy Cartridge installed. **ALWAYS USE FOUR PEOPLE TO LIFT THE PRINTER.**

Ensure that you keep the Printer **LEVEL**. Please note that the rear of the Printer is heavier than the front.



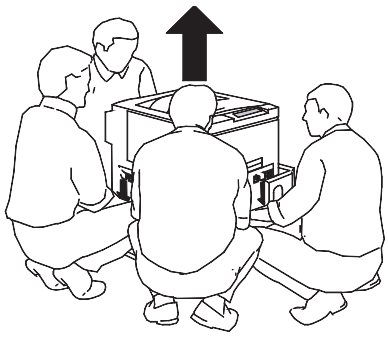
WARNING

Ensure that you have a firm footing and bend your knees to avoid possible back injuries. When lifting the Printer, face the machine and grip the recessed areas shown in the illustration below.
NEVER lift the Printer by gripping any other area. The Printer could fall and cause injuries.

5. With a person at each corner, place your hands inside the plastic wrap, in the positions shown below.

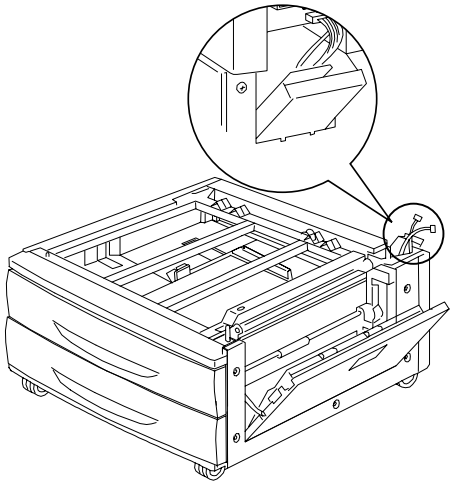
CAUTION

DO NOT lift or support the Printer by the Bypass Tray that is located on the right-hand side.

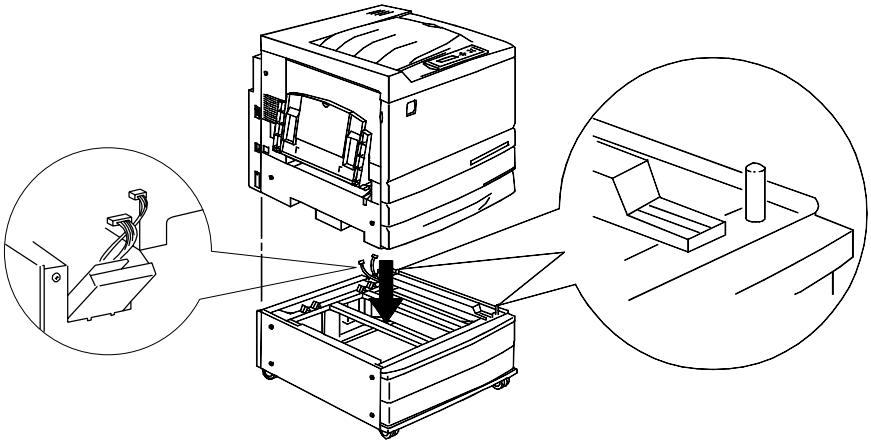


6. Carefully, lift the Printer from the pallet.

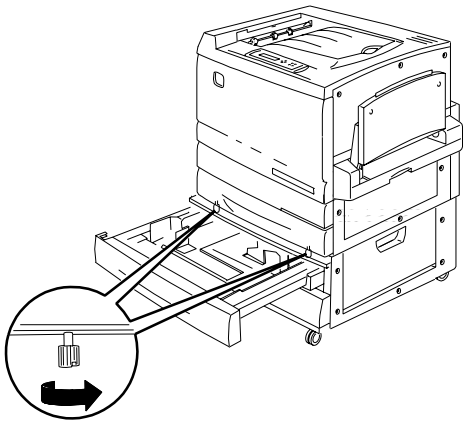
CAUTION
Ensure that the Harness Access Cover is open before placing the Printer on top of the System Console in step 8.



7. Open the Harness Access Cover.
8. Place the Printer on the System Console:
   a. Align the **two pins** in the System Console with the corresponding holes in the Printer. Aligning the left rear covers of the two devices will assist you in aligning the pins. Aligning the pins and the left rear covers is shown below.



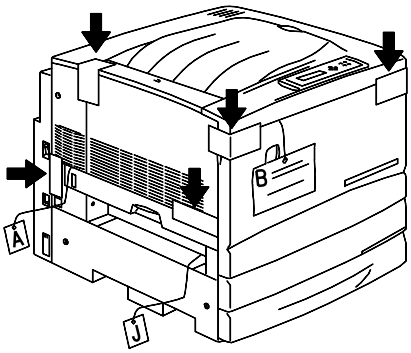
b. Remove the Paper Tray 2, and tighten the two Thumb Screws shown below. Do not over tighten the Thumb Screws.



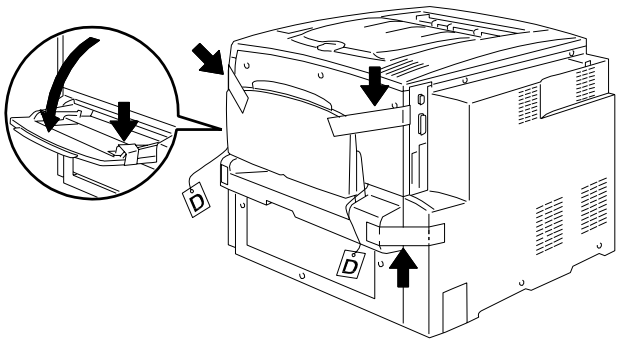
c. Reinstall the Paper Tray 2.

9. Remove all the tape from the exterior of the Printer:

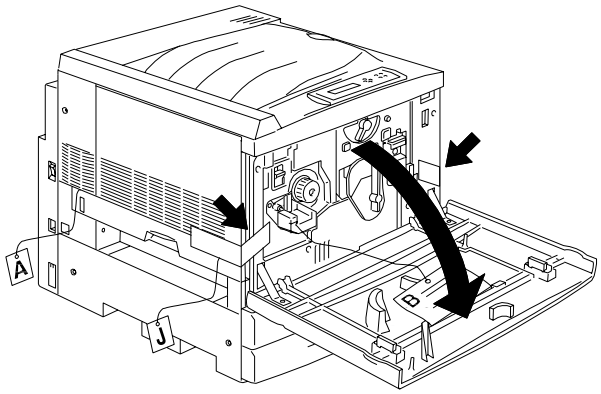
a. Left side



b. Right side

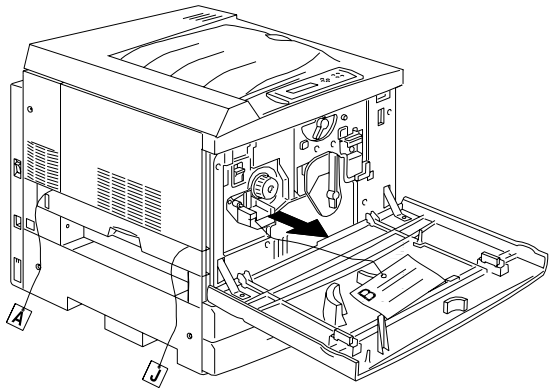


c. Inside the Front Cover

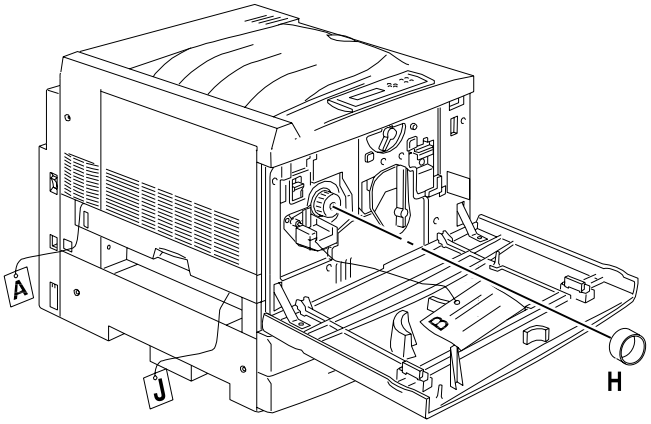


10. Remove all the internal packing from the Printer by performing steps **a** through **m**.

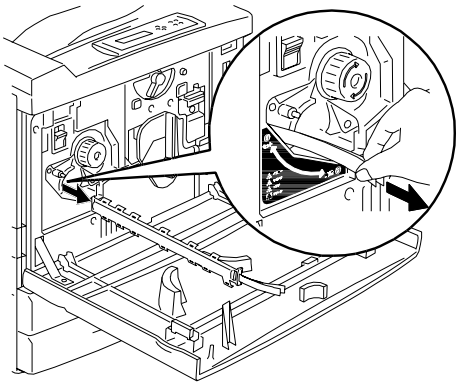
a. Remove the spacer styrofoam labeled **B**.



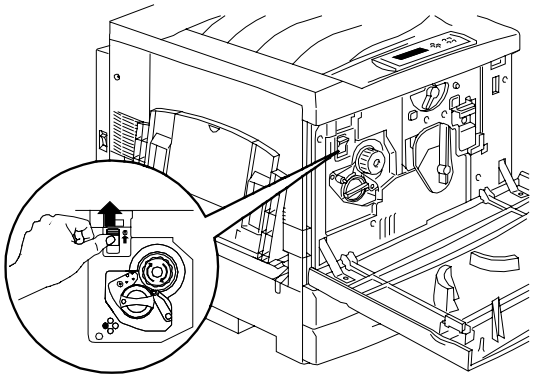
b. Remove the cardboard collar labeled **H** from the knob shown below.



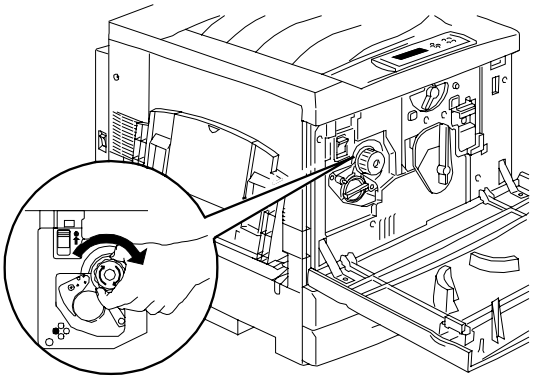
c. Pull and remove the narrow strip labeled **G** from the Toner chamber.



d. Press the **Anti-rotation button** to release the rotating chambers.



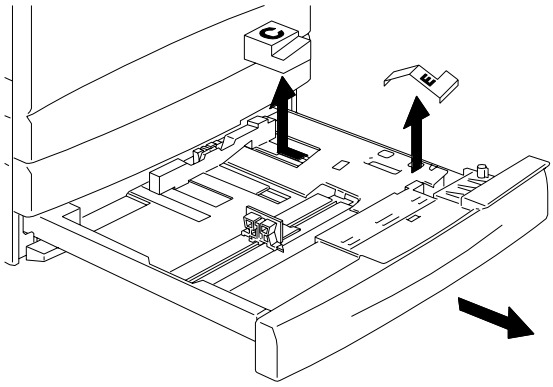
e. Turn the **Rotary Knob** in the direction of the arrow, until it stops. Pull and remove the next visible strip labeled **G**.



f. Repeat steps **c** through **e** until all four of the strips labeled **G** are removed from the Toner Carousel.

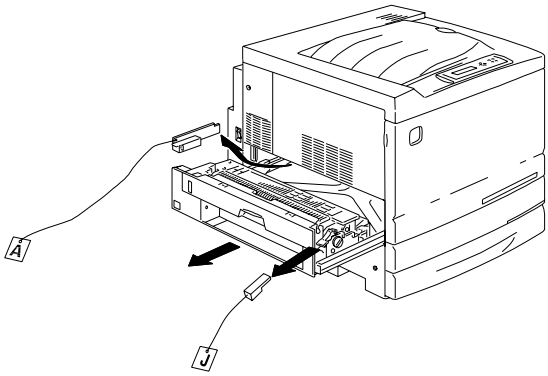
g. Close the Front Cover.

h. Pull open Paper Tray 1 until it stops. Remove the two spacers labeled **C** and **E**, shown below.



i. Close the Paper Tray 1.

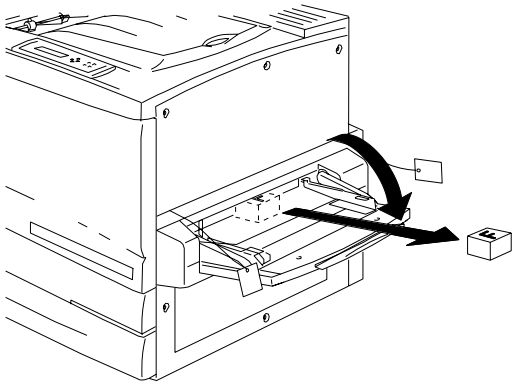
j. Gently pull the **Fuser area** open and remove the spacer labeled **A**.



k. Lift the Fuser Pressure Release Lever to remove the spacer labeled **J**, then lower the lever down until it stops.

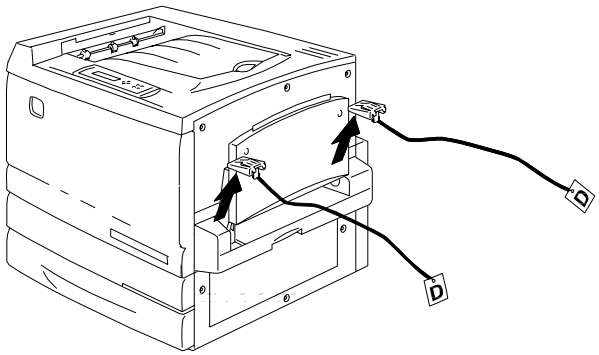
l. Close the Fuser area.

m. Open the Bypass Tray and remove the spacer labeled **F**.



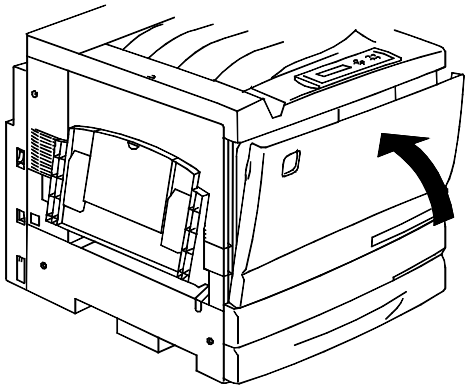
n. Close the Bypass Tray.

o. Gently pull the handle until the Bypass Transport is completely opened, then remove the two spacers labeled **D**.



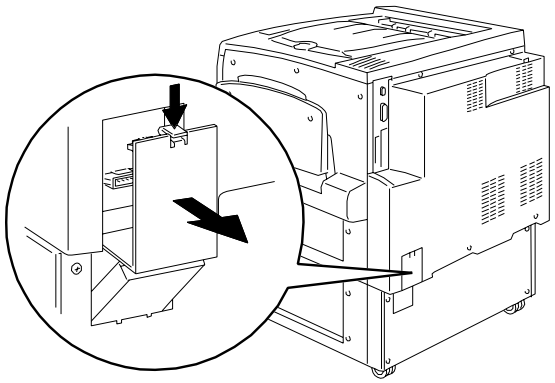
p. Close the Bypass Transport.

11. Close the Front Cover.



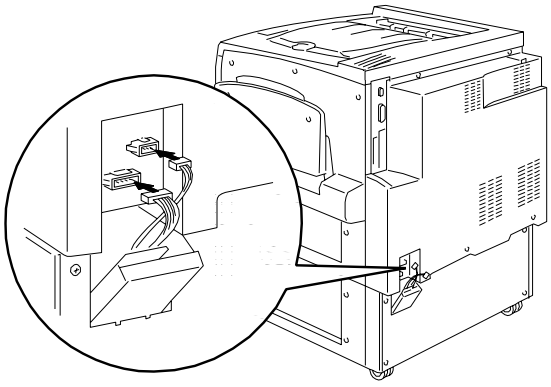
12. After installing the Printer on the System Console, perform the following steps:

a. Remove the Rear Connector Cover from the rear of the Printer by pressing down on the release latch while grasping under the Rear Connector Cover, then pull it away from the Printer.

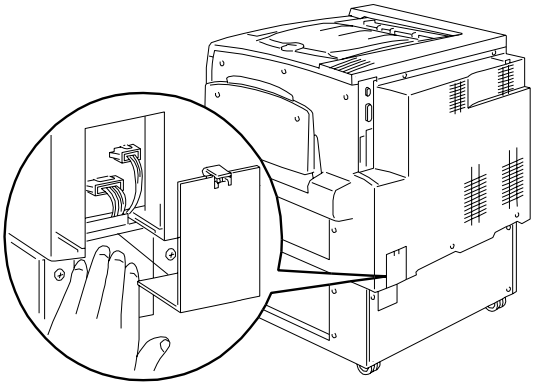


b. Open the Harness Access Cover.

c. Connect the two small connectors from the System Console into the jacks in the Printer.



d. While holding the Harness Access Cover on the System Console closed, align the Rear Connector Cover to the plastic rails, and slide it into the Printer.



The Next Step

Go to the *Printer Installation* procedure.

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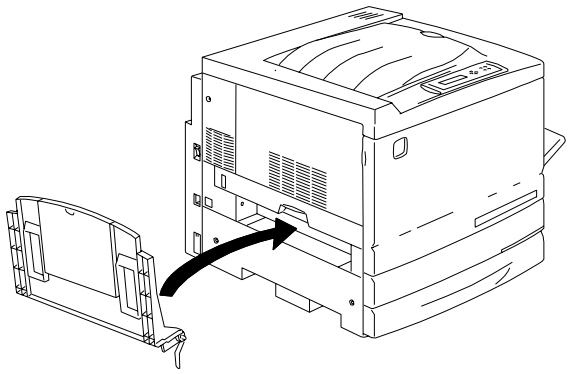
Printer Installation

Perform this procedure **after** the Printer is unpacked, and placed in a suitable location.

If you are installing the 10 Bin Sorter, skip step 1 and go to step 2.

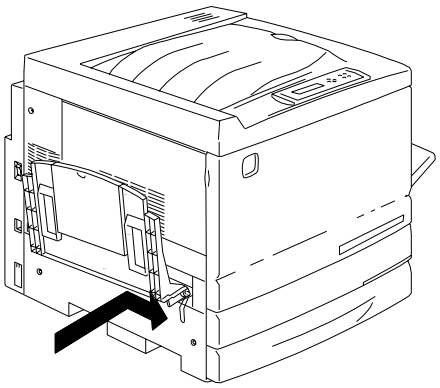
1. Locate the Output Tray in the cardboard tray removed from the top of the printer. Install the tray by performing steps **a** through **c**.

   a. Standing on the left-hand side of the Printer, hold the Output Tray as shown.

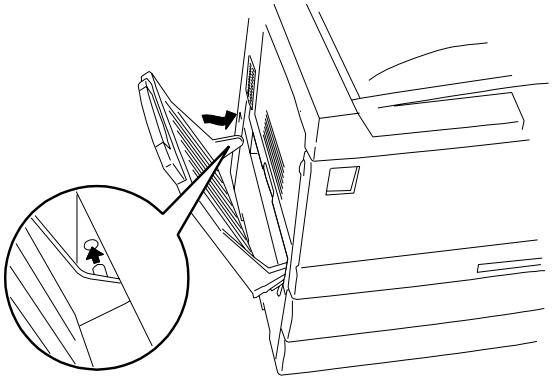


Do not place the metal spring into the hole. Ensure that the metal spring extends down against the outside of the cover.

   b. Place the right-hand arm of the tray into the corresponding hole as shown.

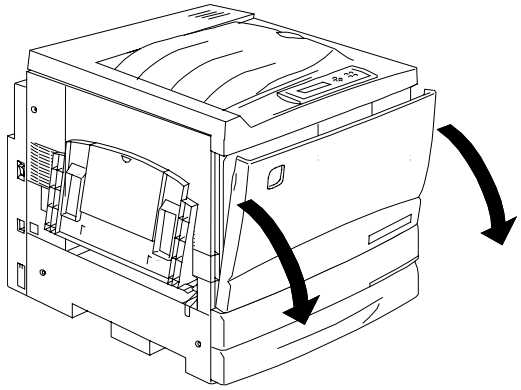


c. Place the left-hand arm of the tray into the corresponding hole as shown.

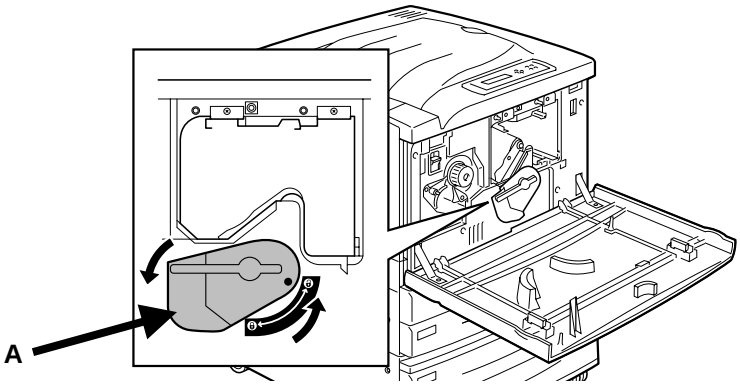


2. Install the Print/Copy Cartridge:

a. Open the Front Cover of the Printer.



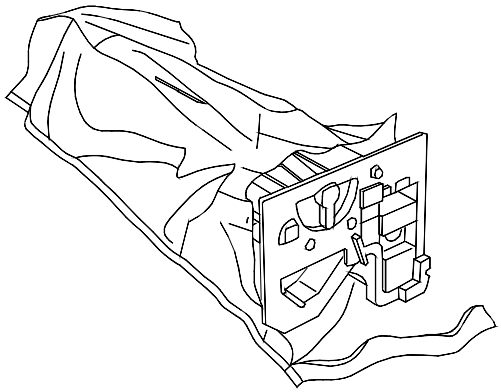
b. Rotate the beige lever **A** in the direction of the arrows, until the dot is aligned with the **Unlocked** symbol.



3. Install the Print/Copy Cartridge:

   a. Remove the Print/Copy Cartridge from the box.

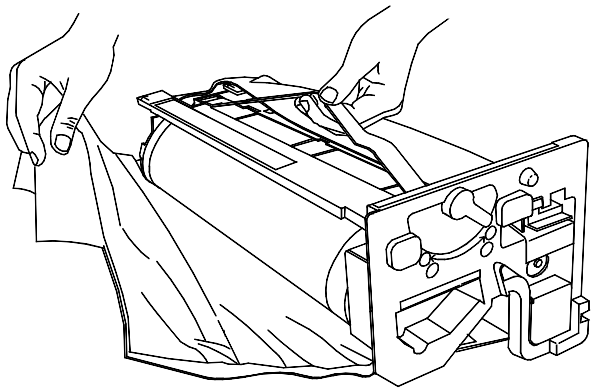
   b. Tear open the notched end of the silver protective bag and remove the Print/Copy Cartridge.



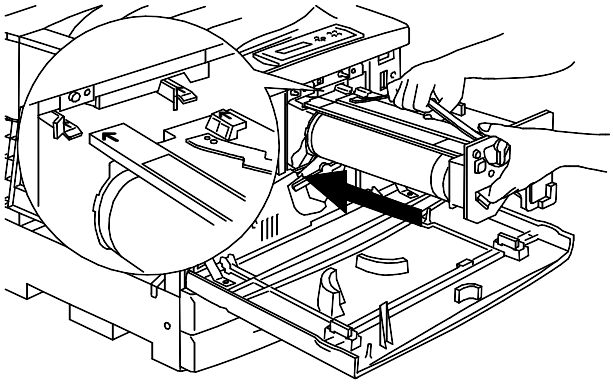
CAUTION

DO NOT touch the blue surface of the drum. If the drum is scratched, or contaminated with oil from your hand, the output can be degraded.

   c. Hold the cartridge by the **strap**. While keeping it level, remove the foam wrapper.

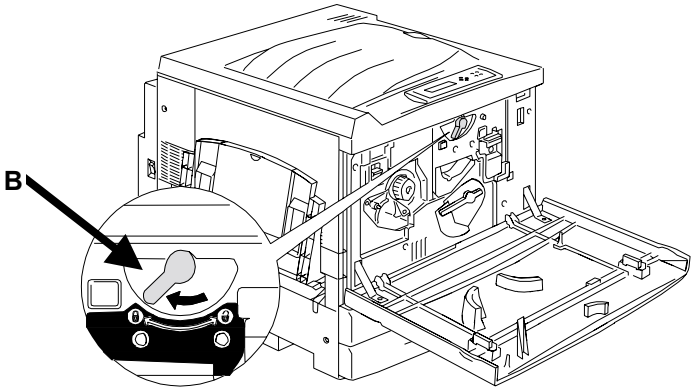


d. Holding the cartridge by the **strap**, align the guide with the Printer **rail**.



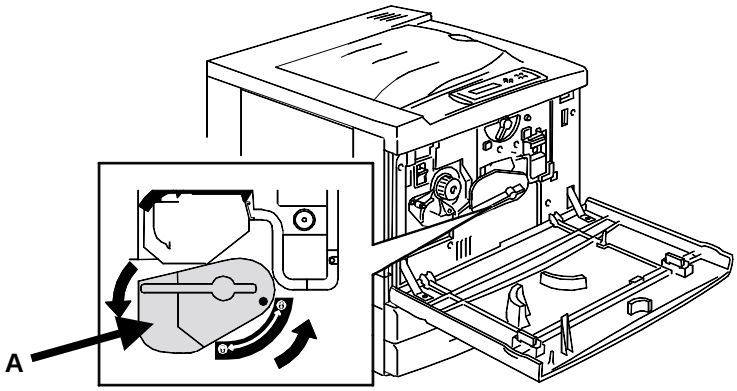
e. Push the cartridge all the way into the Printer until it snaps into place.

f. Rotate lever **B** in the direction of the arrow until the dot is aligned with the **Locked** symbol.



*If lever **B** will not move to the Locked position, ensure that the cartridge is inserted all the way into the Printer.*

g. Rotate lever **A** in the direction of the arrow until the dot is aligned with the **Locked** symbol.



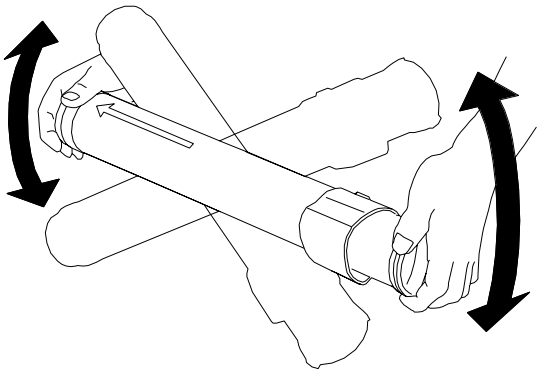
4. Install the Toner Cartridges:

Each Toner Cartridge chamber is designated for a specific color. Ensure that the correct Toner Cartridge is installed into the corresponding color on the chamber.

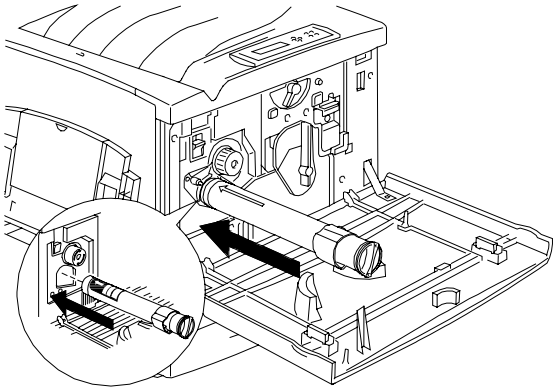
a. Locate the correct Toner Cartridge box for the color of the current chamber.

b. Remove the Toner Cartridge from the box.

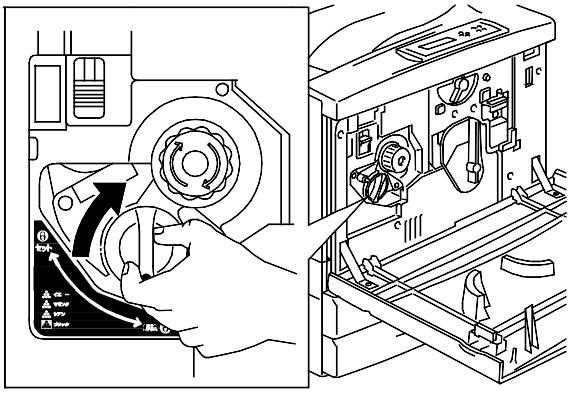
c. Shake the cartridge seven or eight times as shown below.



d. Align the **arrow** visible on the top of the cartridge with the **Red Dot** sticker on the chamber (located at 11 o'clock position), insert the cartridge into the Printer as far as it will go.



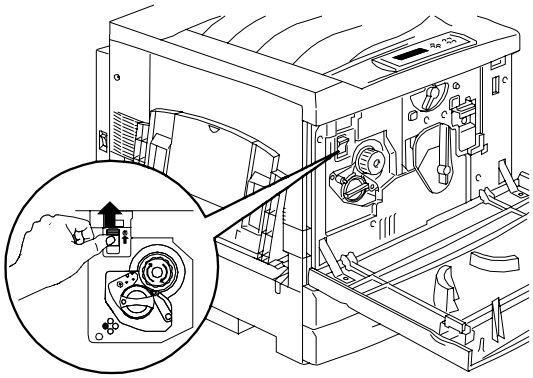
e. Use the handle on the end of the cartridge to rotate the cartridge in the direction of the arrow. Ensure that the **dot** on the cartridge is aligned with the **Locked** symbol as shown.



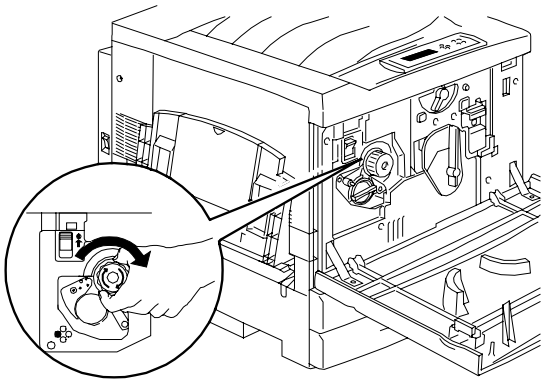
CAUTION

Ensure that the cartridge is in the Locked position. If the cartridge is NOT in the Locked position, Toner can spill into the Printer.

f. Press and release the **Anti-rotation button**.



g. Rotate the **Rotary Knob** in the direction of the arrow until it stops at the next chamber.

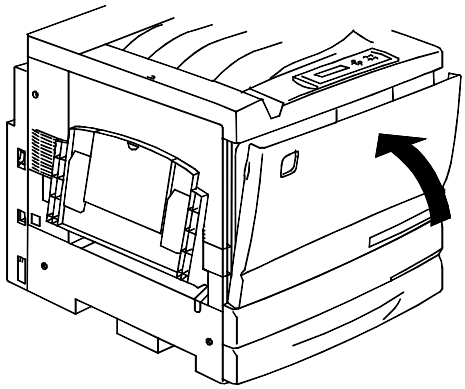


If the Toner Cartridge is not in the Printer all the way, the knob will not rotate.

5. Repeat step 5 for the three remaining Toner Cartridges.

Rotate the carousel again to ensure that the last cartridge is inserted all the way into the Printer.

6. Close the Printer Front Cover.



The Next Step

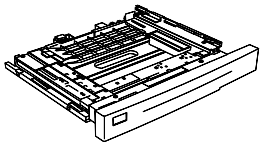
If you have ordered the optional Duplex Unit/Kit, go to the *Installing the Duplex Unit/Kit* procedure.

If you do not have a Duplex Unit/Kit, go to *Loading Paper in the Paper Tray* procedure.

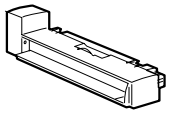
Installing the Duplex Unit/Kit (option)

The Duplex Unit/Kit enables the DP-C106 to print two-sided output.

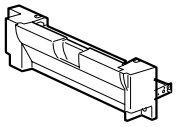
1. Open the Duplex Unit/Kit box and remove the contents:
   - Duplex Unit/Kit



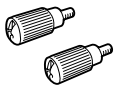
   - Upper Inverter



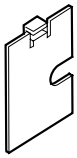
   - Lower Inverter



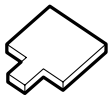
   - Two Thumb Screws



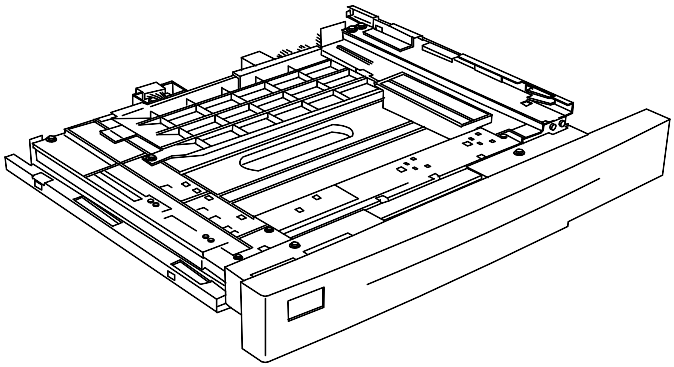
   - Connector Cover (w/ Cutout)



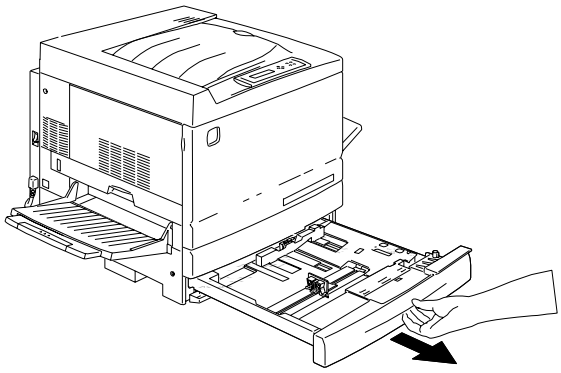
   - Special Tool



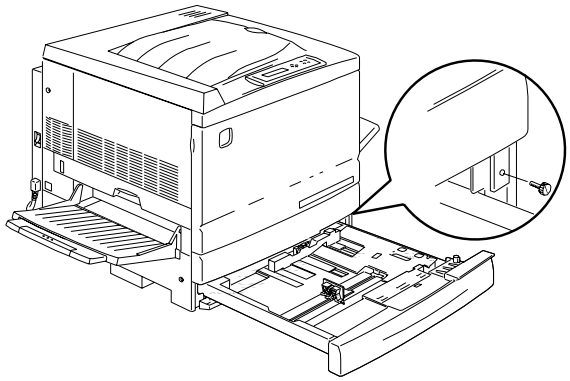
2. Remove the Duplex Unit/Kit from the plastic wrap.



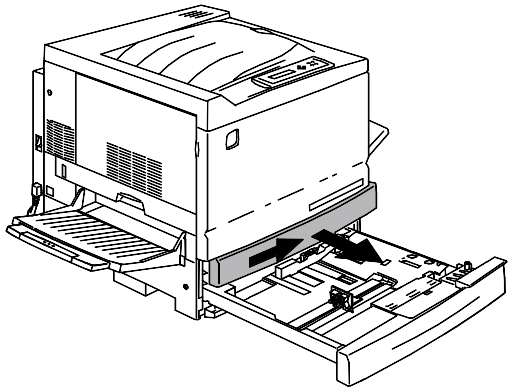
3. Open Paper Tray 1.



4. Using a phillips head screwdriver, remove the screw shown below.

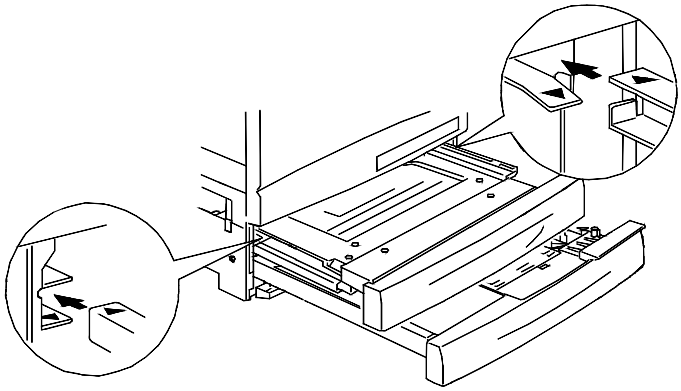


5. To remove the cover, shift it to the right then pull it away from the Printer. Discard the cover.



6. Install the Duplex Unit/Kit:

   a. Align the rails on the tray with the rails in the Printer.

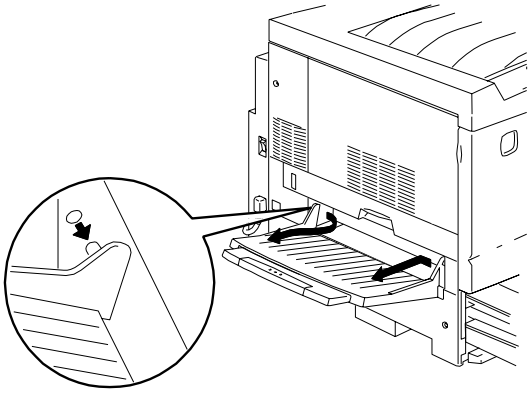


   b. Partially close the Duplex Unit/Kit and the paper tray.

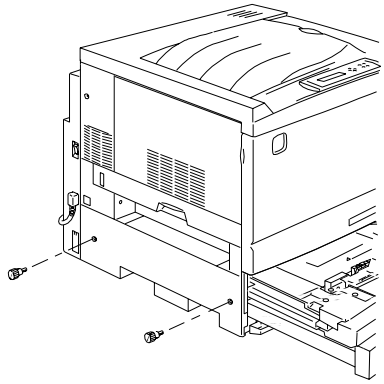
7. Install the Lower Inverter:

*Skip step **a** and go to step **b**, if the Output Tray is not installed.*

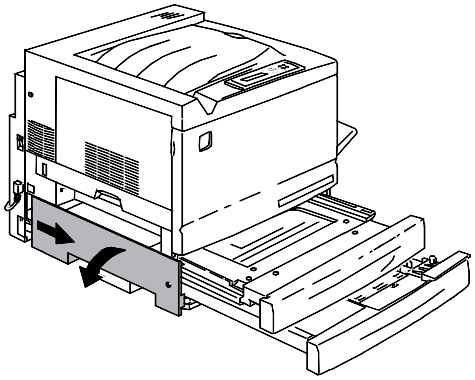
   a. Gently squeeze the sides of the Output Tray toward each other in order to remove the tray from the Printer.



b. Using a screwdriver, remove the two screws from lower left-hand cover of the Printer as shown below.

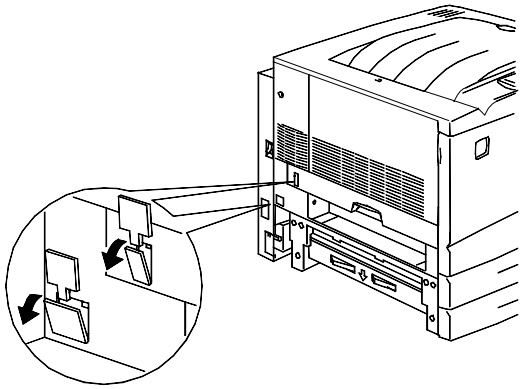


c. Remove the cover by shifting it to the front of the Printer then pulling it away from the Printer. Discard the cover.

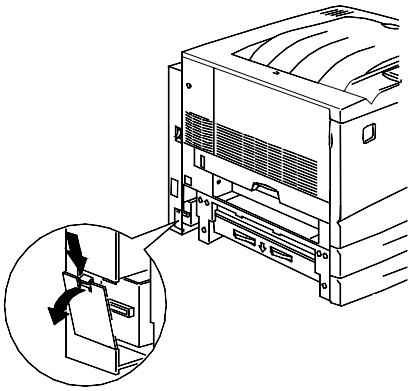


d. Close the Duplex Tray and Paper Tray 1.

8. Using the Special Tool from the contents of the Printer carton, remove the two Fuser Tray Caps (Plain) from the left-hand side of the Printer. Discard the two covers.

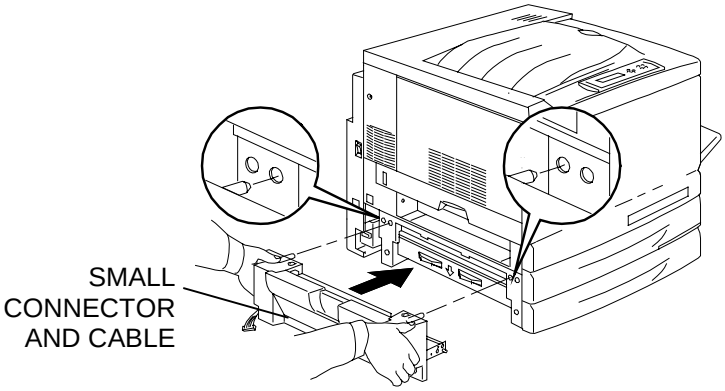


9. Remove the Left Connector Cover (Plain) located on the lower left-hand side of the Printer. DO NOT discard this cover.



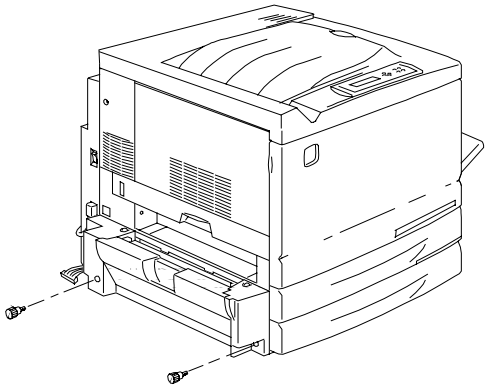
CAUTION
Ensure that the small connector and cable on the left-hand side of the Lower Inverter are pulled back out of the way.

10. Install the Lower Inverter as shown below.

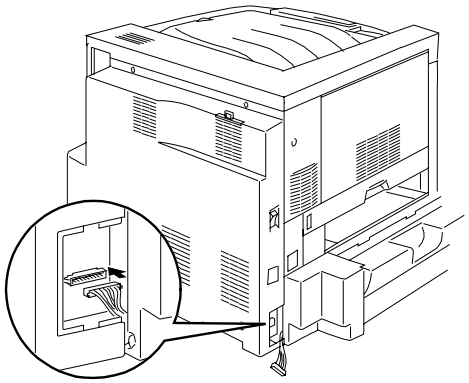


The Lower Inverter does not install flush with the Printer covers.

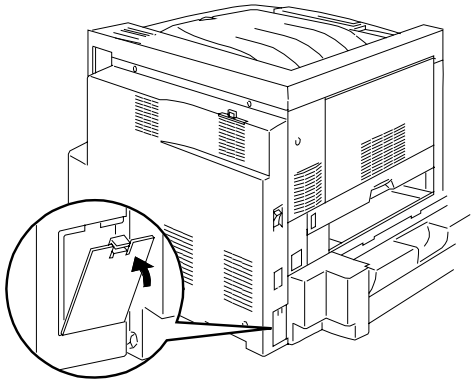
a. Install the two Thumb Screws from the contents of the box.



b. Connect the small connector from the Lower Inverter to the small jack located at the rear of the left-hand side of the Printer.

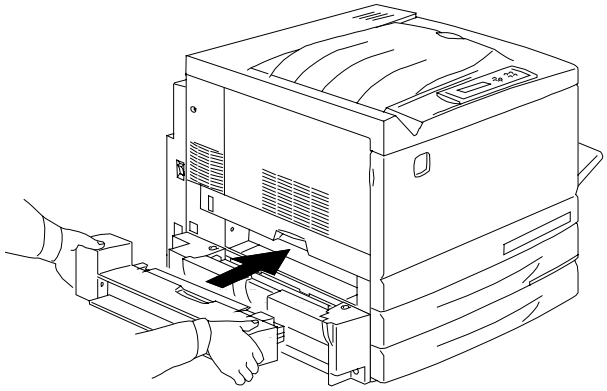


c. Reinstall the Left Connector Cover (Plain).

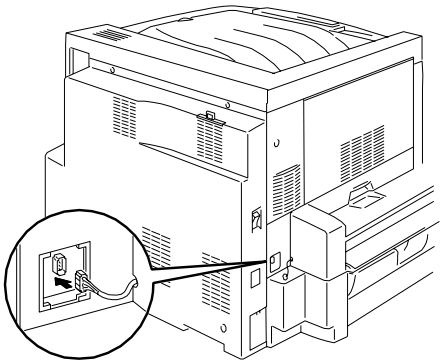


11. Install the Upper Inverter:

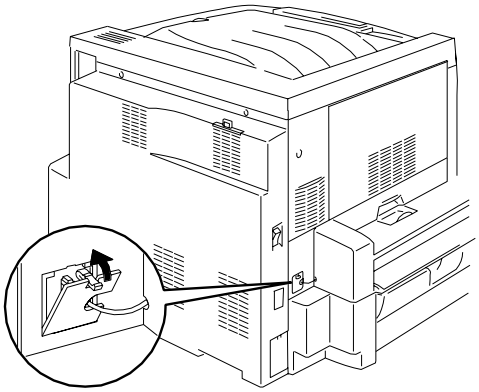
a. Install the Upper Inverter into the Printer as shown.



b. Connect the tiny connector on the rear of the Upper Inverter to the small jack in the access hole, as shown below.



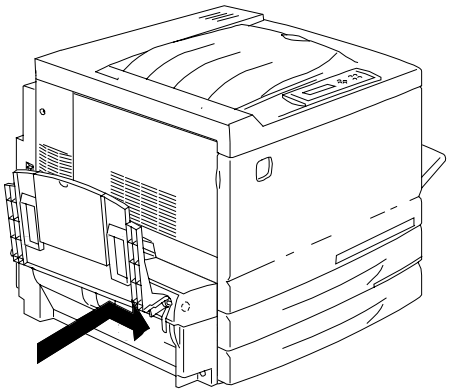
c. Install the new Connector Cover (w/ Cutout) into the access hole, guiding the wires through the cutout in the cover.



CAUTION

Use caution if you must rearrange the tiny wires on the connector in order to close the Connector Cover.

12. Reinstall the Output Tray if it was removed in step 7.



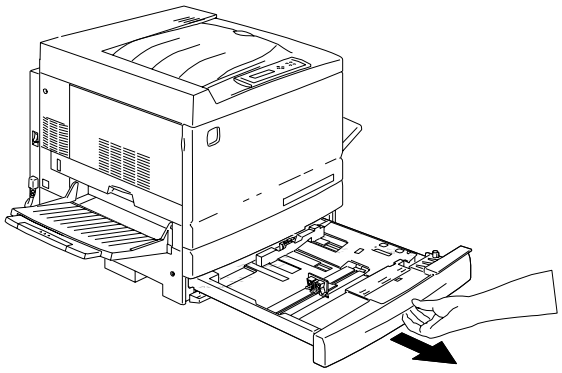
The Next Step

Go to the *Loading the Paper in the Paper Tray* procedure.

Loading Paper in the Paper Tray

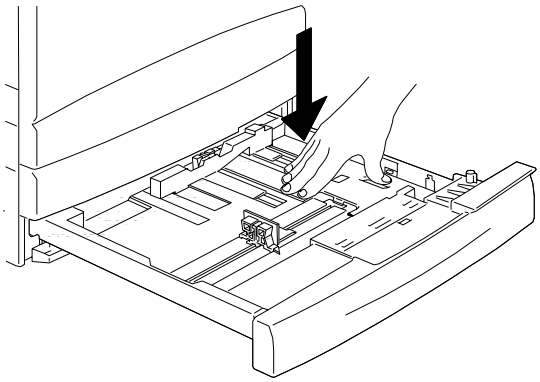
When loading paper, use paper weight between 14 to 23 lbs. Refer to *Types of Paper* in the Operating Instructions or the Color Materials Usage Guide on the CD.

1. From the front of the Printer, pull the paper tray out of the Printer as far as it will go.

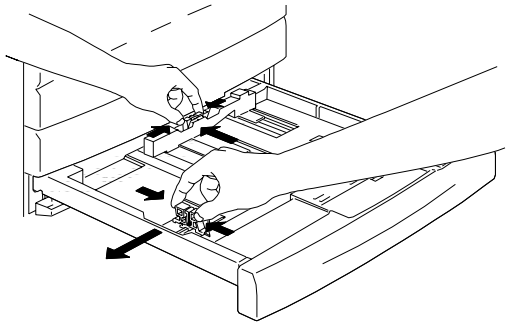


If you are loading paper in the System Console paper trays, skip step 2. It is not necessary to press down on the metal plate in Tray 2 or Tray3.

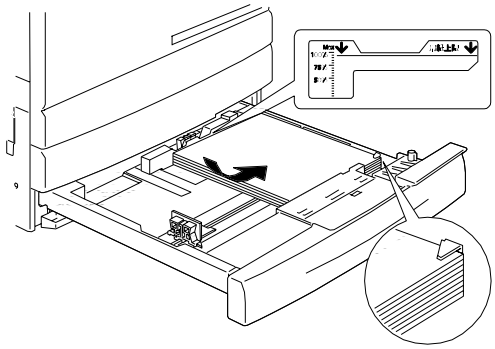
2. Press down on the **metal plate** in the tray until it latches.



3. Pinch the Horizontal and Vertical **Paper Guides** and move them away from the center of the tray as far as they will go.

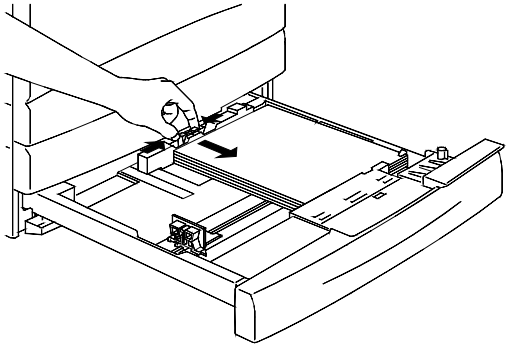


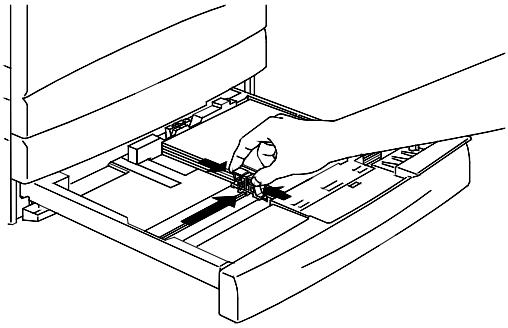
4. Place the right edge of the paper stack against the right metal edge and under the front right-hand side **paper tab** as shown below.
5. Ensure that the paper stack does not cover the **MAX** guideline.



To avoid jams, load paper with the long edge against the side of the tray when possible.

6. Adjust the two **Paper Guides** so that they lightly touch the edges of the paper stack.



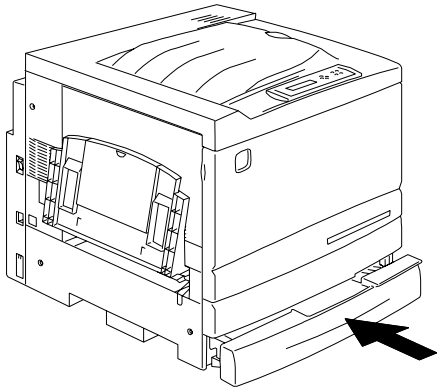


Moving the guides too tight against the paper stack can cause a jam.

7. Ensure that the vertical Paper Guide is aligned with the appropriate paper size mark on the bottom of the tray.

Automatic paper size detection cannot occur if the vertical Paper Guide is out of position.

8. Push the paper tray firmly into the Printer.



9. Repeat this procedure until all the trays are loaded with the desired paper stock.

The Next Step

Go to the *Installing the Scanner Rack* procedure.

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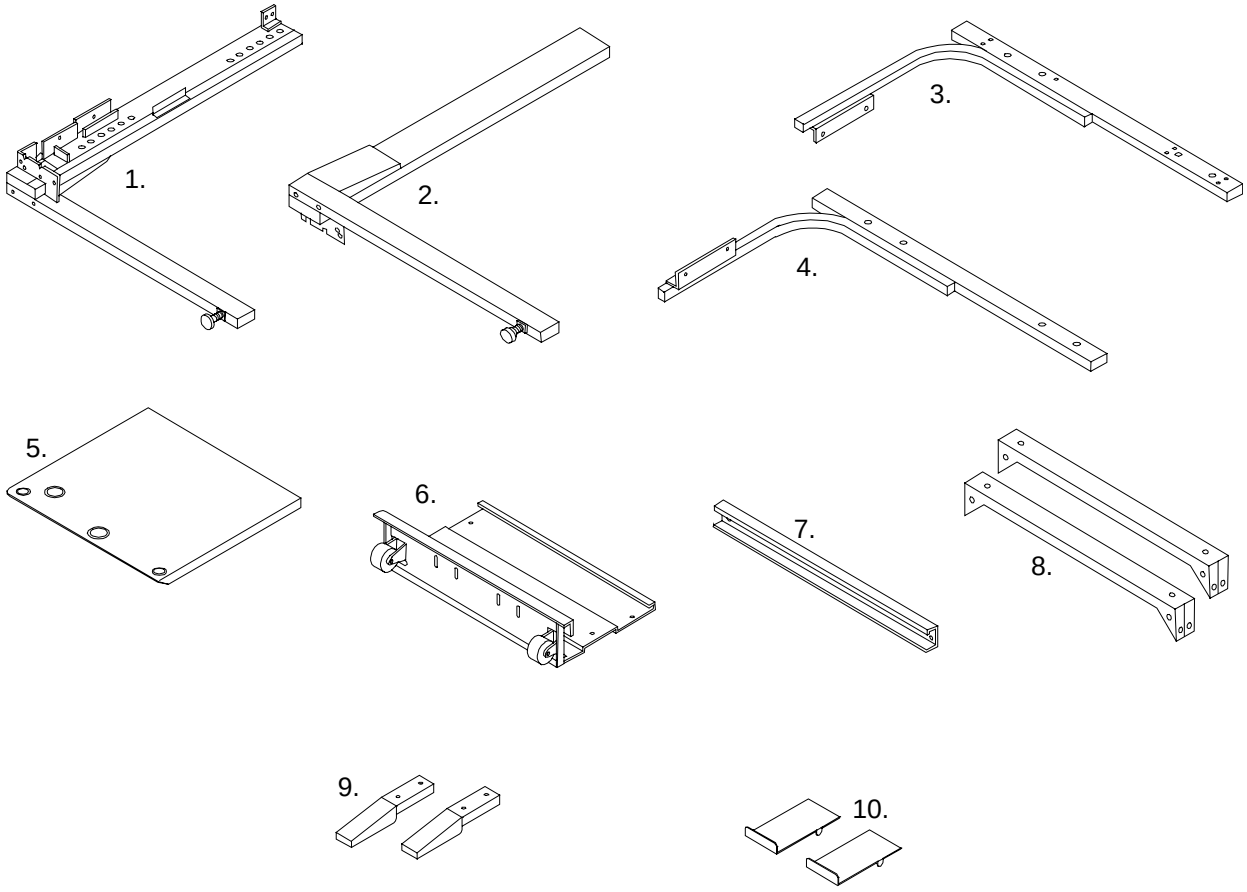
Installing the Scanner Rack

You will need a phillips head screwdriver to perform this installation

1. Open the Scanner Rack carton.
2. Ensure that the following parts are included in the carton:



1. Right Leg
2. Left Leg
3. Right Support
4. Left Support
5. Table Top
6. Rear/Bottom Plate with casters
7. Spacer Bar
8. 2 Braces
9. 2 Stabilizing Feet
10. 2 Bumpers

6mm Hex Key, not shown

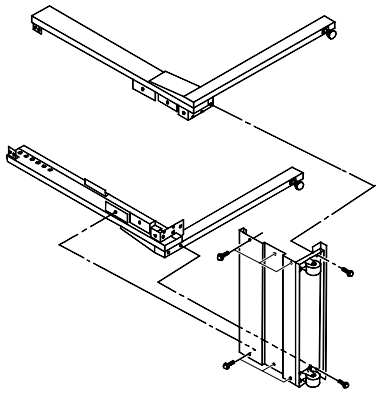
32 Screws (M4 x 10), not shown

8 Hex Screws, not shown

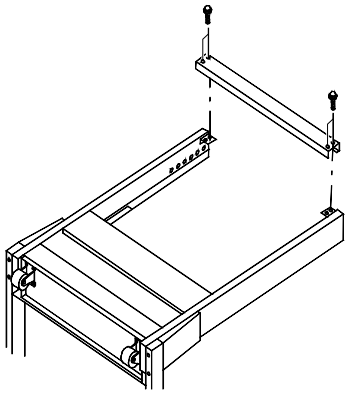
8 Lock Washers, not shown

8 Flat Washers, not shown

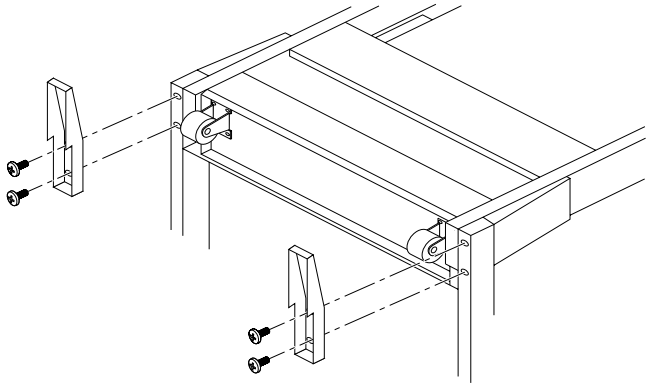
3. Attach the Left Leg and Right Leg to the Rear/Bottom Plate using eight screws (M4 x 10) as shown below.



4. Install the Spacer Bar between the tops of the two legs using four screws (M4 x 10). You have just completed the Lower Assembly.

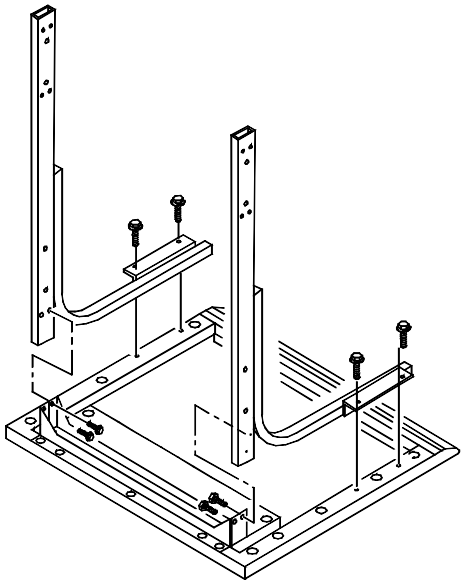


5. Turn the Lower Assembly over.
6. Install the two Stabalizing Feet, using four screws (M4 x 10) as shown.



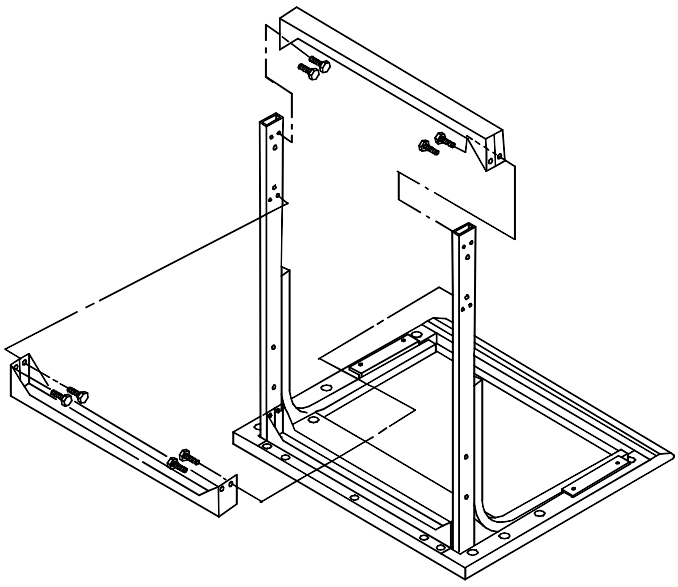
7. Place the table top face-down on the floor.

   a. Place the Left Support and the Right Support into the table top and install the two screws (M4 x 10). This is the Upper Assembly

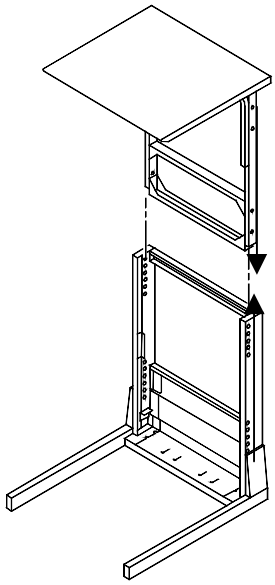


   b. Install four screws (M4 x 10) through the supports and into the top of the table.

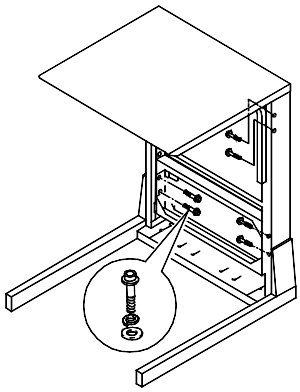
   c. Install eight screws (M4 x 10) through the two braces into the positions shown below.



8. Turn the Upper Assembly over, and slide it into the legs of the Lower Assembly. Line up the alignment mark of the Upper Assembly with the height mark (3 settings) of the Lower Assembly according your height requirements.

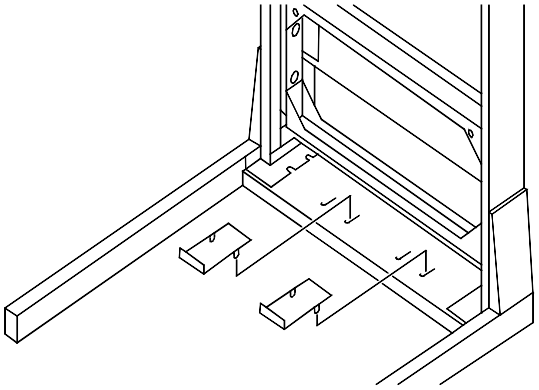


9. Attach the two assemblies together with eight Hex Screws, Lock Washers and Flat Washers using the Hex Key.

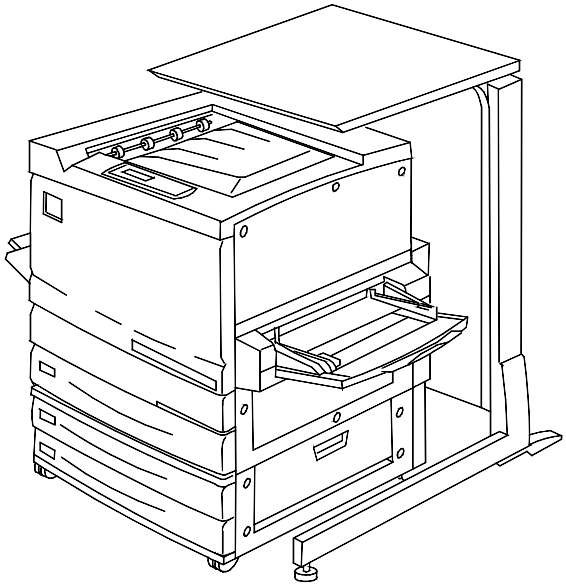


10. Install the two Bumpers into the rear slots of the bottom plate.

If the optional Duplex Unit/Kit is being installed, insert the Bumpers into the front slots of the bottom plate.



11. Move the Scanner Table around the Printer as shown.

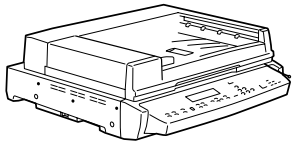


The Next Step

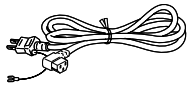
Go to the *Installing the Scanner with ADF* procedure.

Installing the Scanner with ADF

1. Open the Scanner with ADF carton.
2. Ensure that the following items are in the carton.
   - Scanner with ADF



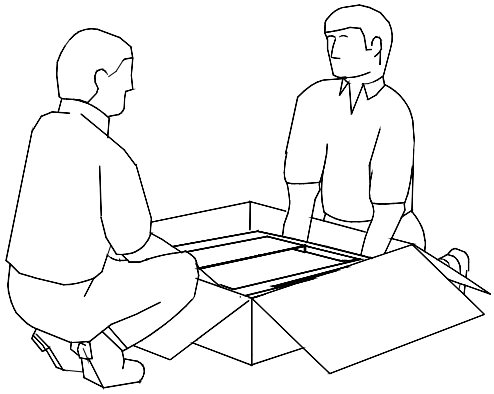
   - Power Cord



   - Printer Interface Cable

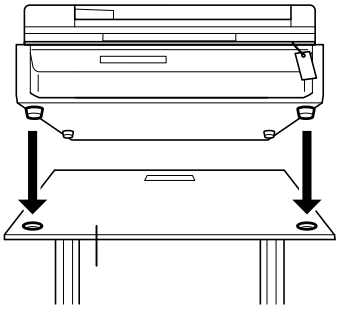
   - Power Cable

3. Remove the plastic from the top of the Scanner with ADF and push it down the side of the carton away from the Scanner with ADF.
4. With a person on each side of the box, place your hands inside the plastic and under the Scanner with ADF.

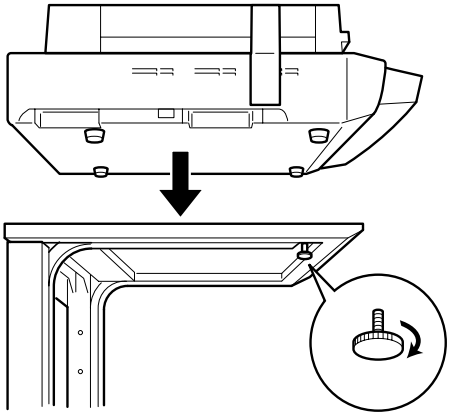


5. Lift the Scanner with ADF from the box and place it on the Scanner Rack.

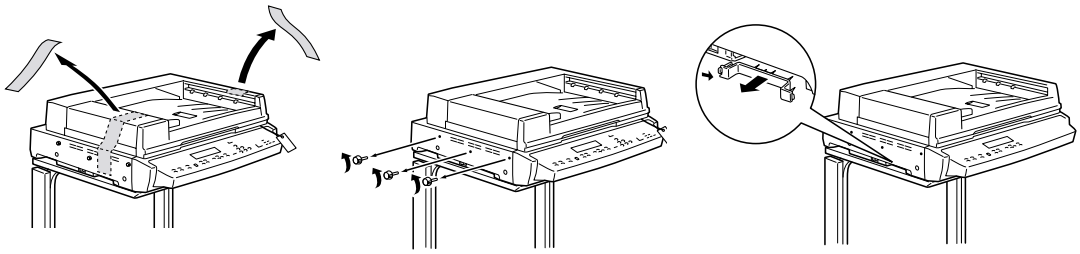
6. Ensure that the front Scanner feet are placed into the round recessed areas on the top front of the Scanner Rack.



7. Tighten the Thumb Screw, shown below, in order to secure the Scanner to the Table Top.



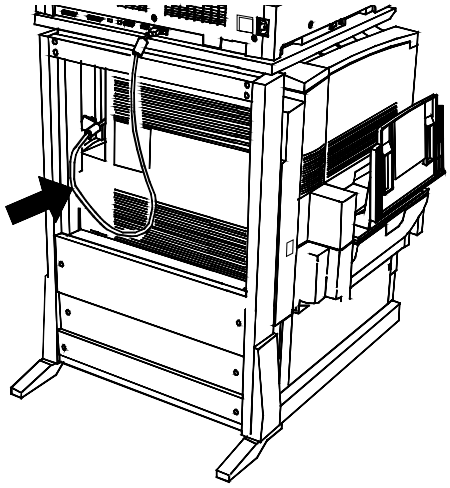
8. Remove the three Thumb Screws from the left-hand side of the Scanner.



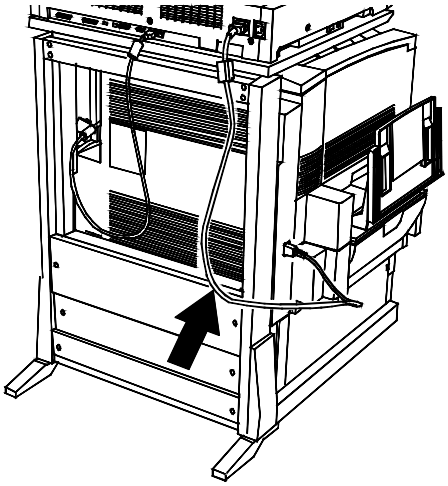
Please store these screws in a safe place, or tape them to the rear of the Scanner Rack. The screws lock the Scanner Drive into a secure position. You will need them if the Scanner has to be moved.

9. Connect the Scanner cables by performing the following steps:

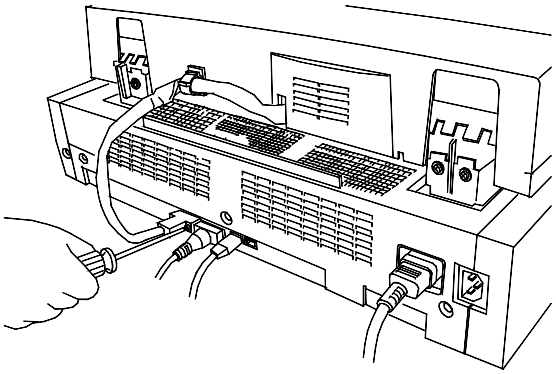
   a. Install one end of the Interface Cable to the rear of the Scanner, and the other end to the left-hand side (Rear view) of the Printer.



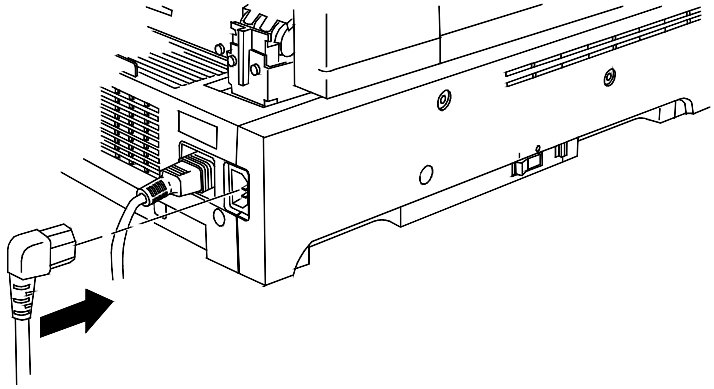
   b. Connect the Power Cable between the Printer and the Scanner as shown.



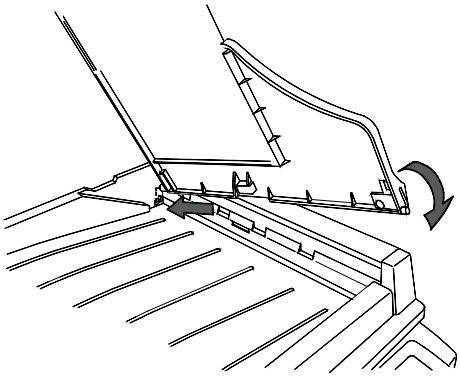
c. Connect the cable to the back of the Scanner and tighten the two screws.



10. Connect the Scanner Power Cord to the wall outlet and to the rear of the Scanner.



11. Install the Exit Tray.



The Next Step

If you are installing the optional 10 Bin Sorter, go to the *Installing the 10 Bin Sorter* procedure. Otherwise, go to the *Printing the Test Page* procedure.

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Installing the 10 Bin Sorter

The 10 Bin Sorter is an optional accessory for the DP-C106. It attaches to the left side of the unit and consists of 10 Bins and a high capacity bin.

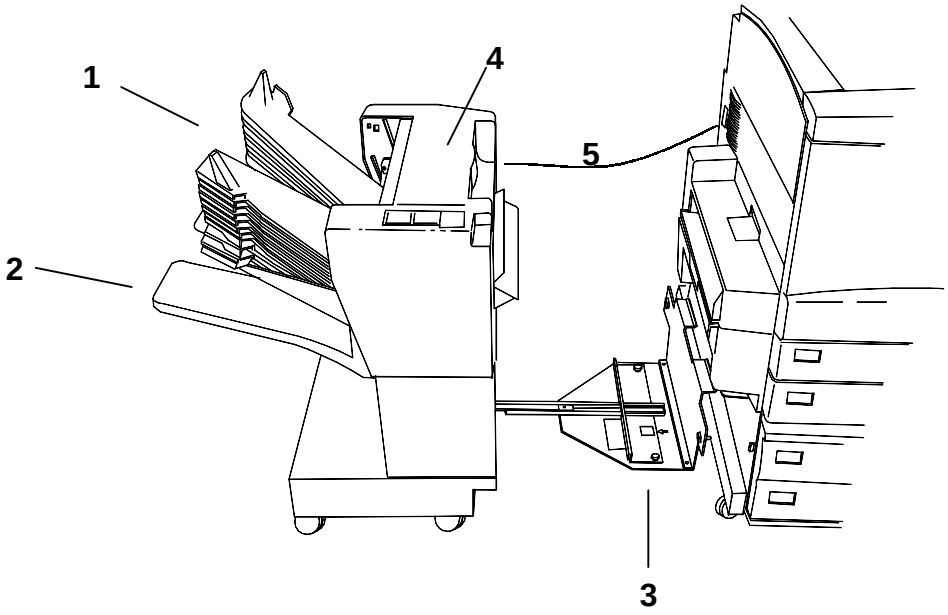
The 10 Bin Sorter functions are available to copy jobs only. Sorting functions are not available to print jobs.

1. Ensure that there is adequate space for the unit to the left of the Copier/Printer. The 10 Bin Sorter dimensions are as follows:

Width	17.2 in (437mm)
Height	28 in (710 mm)
Depth	19.1 in (484 mm)

An additional 14 in (356 mm) must be allowed to the left of the 10 Bin Sorter to enable jam clearance.

2. Review the 10 Bin Sorter components before installing the unit.



1 Sorter Bins

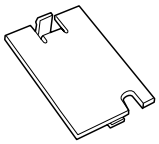
2 High Capacity Bin

3 Attachment Plate

4 Jam Clearance Cover

5 Interface Cable

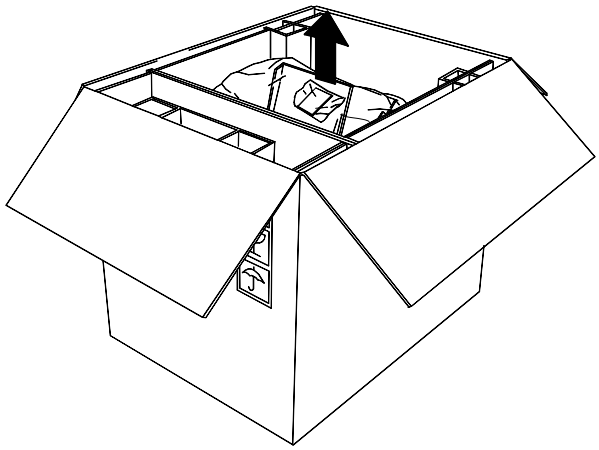
6 Connector Cover



Unpacking the 10 Bin Sorter

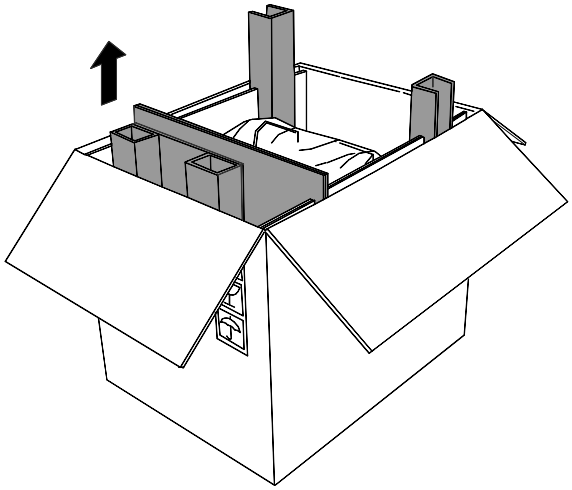
Read all the steps **before** performing this procedure.

1. Open the box. Remove the plastic bag with the Left Connector Cover (w/ Cutout).

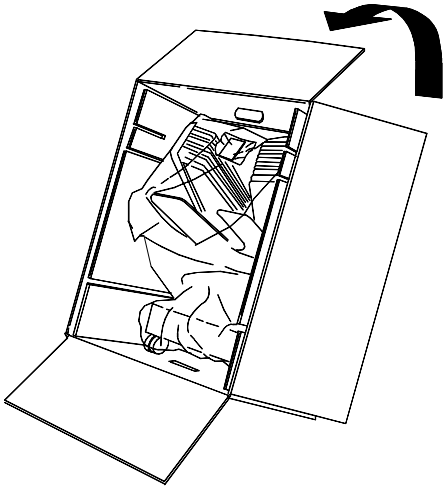


2. Remove the plastic bag.

3. Remove the cardboard inserts that hold the unit in place. Move any plastic away from the bottom wheels of the 10 Bin Sorter.

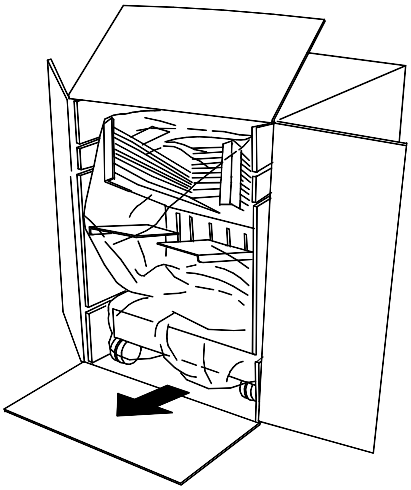


4. Gently tip the box so the 10 Bin Sorter is standing on its wheels

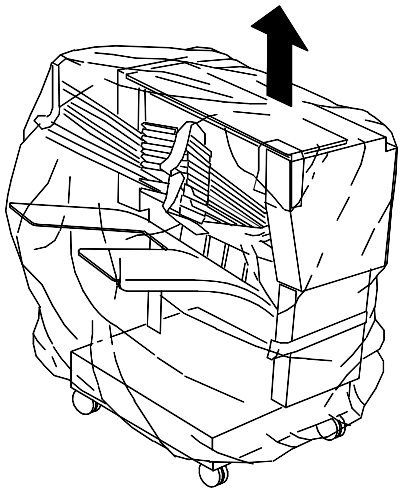


CAUTION
When rolling an unattached 10 Bin Sorter, hold the unit from the inboard side, not the bins. Do not press down on the attachment plate as this may cause the unit to tip.

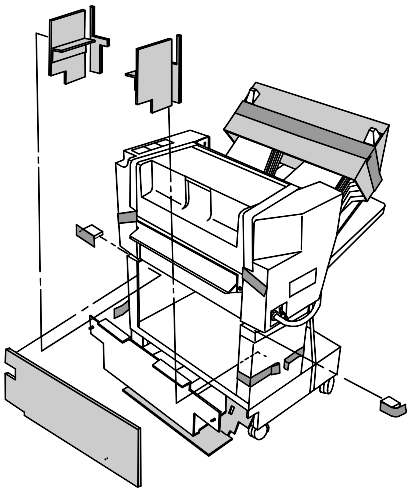
5. Carefully roll the 10 Bin Sorter out of the box.



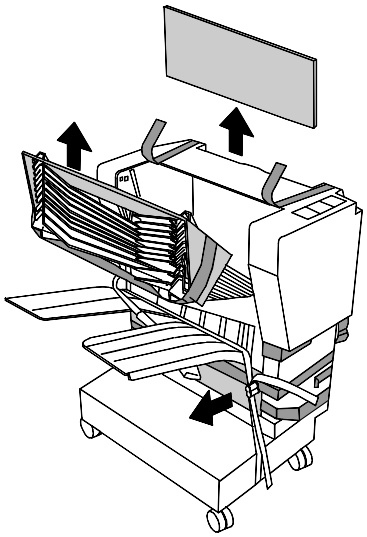
6. Remove the plastic wrapping from around the 10 Bin Sorter.



7. Remove the tape and cardboard from the inboard side of the 10 Bin Sorter.



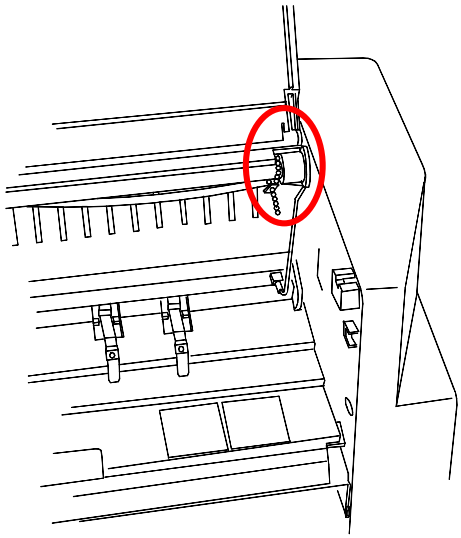
8. Remove the cardboard from the top of the 10 Bin Sorter. Remove the cardboard protector and tape from the sorting bins. Remove the strap around the high capacity bin. Remove any tape or cardboard from the outboard side of the 10 Bin Sorter.



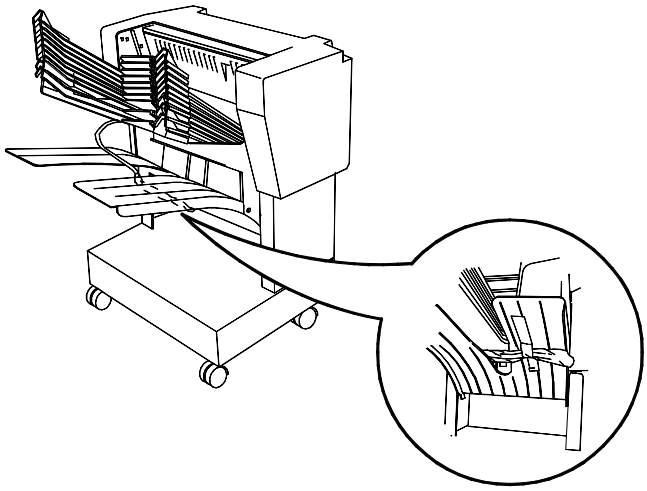
9. Open the cover and remove any packing material inside it.

CAUTION

Do not remove the plastic tie wrap on the metal roller under the jam clearance cover. The tie wrap holds a sensor wire out of the way, as illustrated in the figure below.



10. Remove the tape that is holding the Interface Cable in place. Keep the cable wrapped to protect the connector.



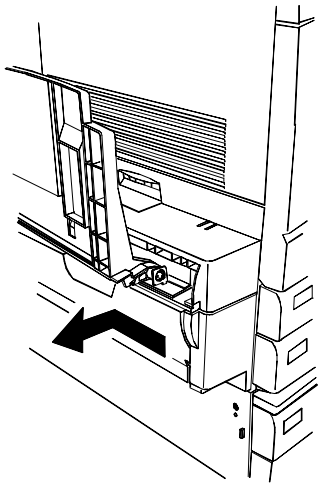
11. Ensure that any remaining tape is removed from the unit.

Connecting the 10 Bin Sorter

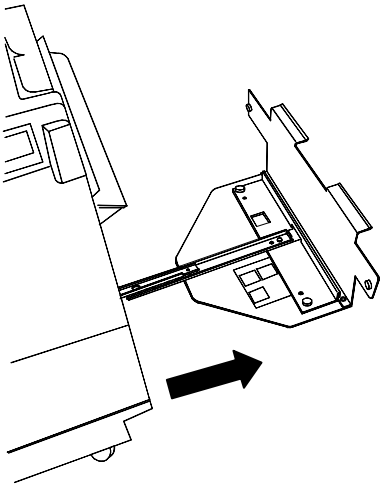
Read all the steps **before** performing this procedure.

CAUTION
Ensure that the power is Off on the Copier/Printer before you begin to install the 10 Bin Sorter.

1. Switch Off the Copier/Printer.
2. Remove the Output Tray from the Copier/Printer.



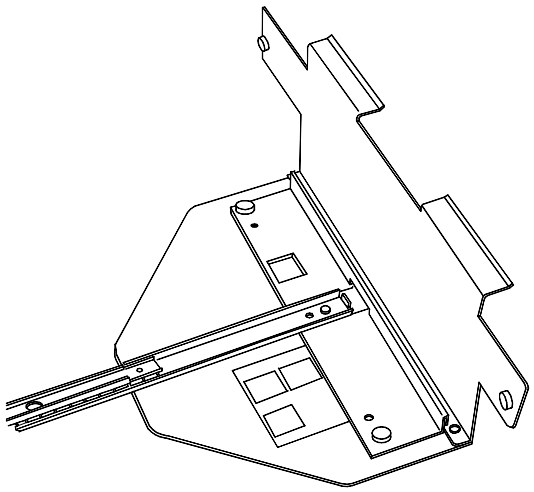
3. At the 10 Bin Sorter, extend the Attachment Plate.



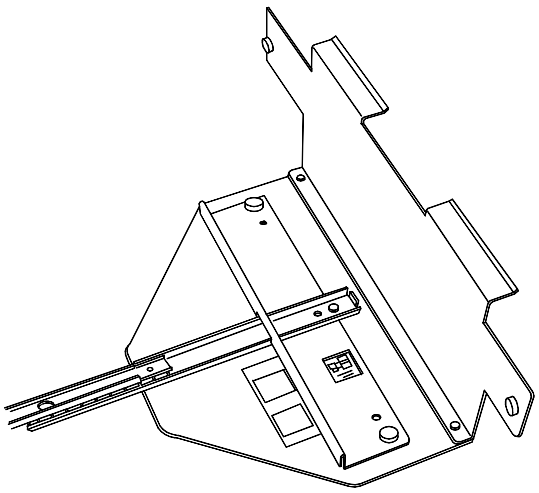
CAUTION
Do not press down on the Attachment Plate as this may cause the unit to tip.

4. Perform one of the following:

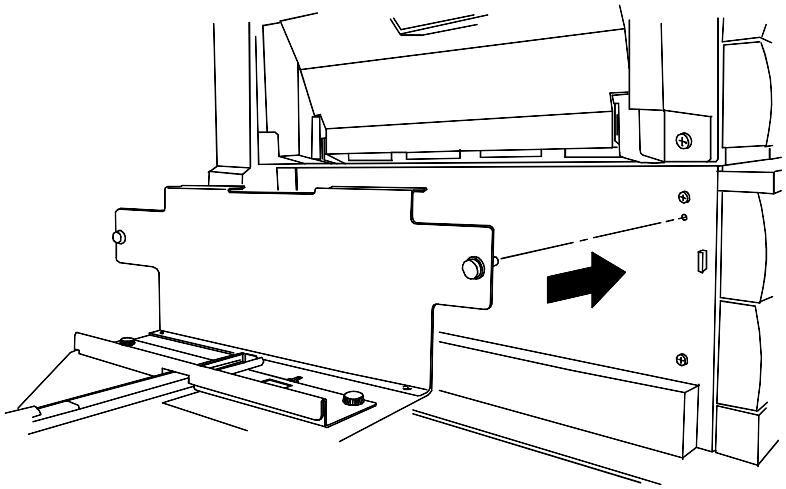
   - If the DP-C106 does not have the optional Duplex Unit/Kit, ensure that the vertical edge of the spacer plate is positioned to the right, near the vertical edge of the attachment plate. No icon should be visible in the spacer plate cut out. Proceed to step 5.



   - If the DP-C106 has the optional Duplex Unit/Kit, remove the spacer plate using the two Thumb Screws. Position the plate so its vertical edge is to the left and Thumb Screws align with the holes in the base of the extension. Ensure that the Duplex Unit/Kit icon is visible in the spacer plate cut out. Tighten the Thumb Screws.

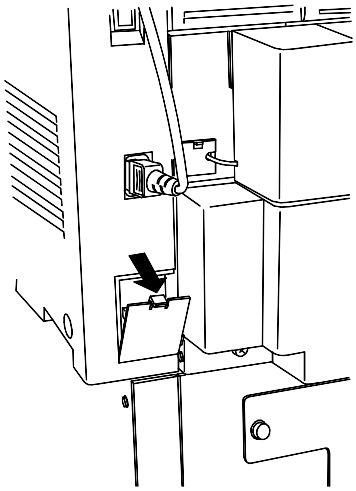


5. Align the 10 Bin Sorter with the left side of the DP-C106 so the Thumb Screws on the plate align with the holes in the left cover of the Copier/Printer. The upper horizontal edges of the alignment plate should fit under Jam Clearance Area 5.

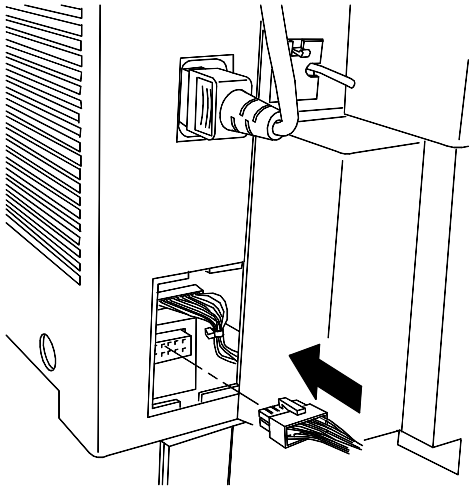


6. Tighten the Thumb Screws on the front and rear of the alignment plate.

7. Remove the Left Connector Cover (Plain) that is below the power plug on the left side (Rear view) of the Copier/Printer.



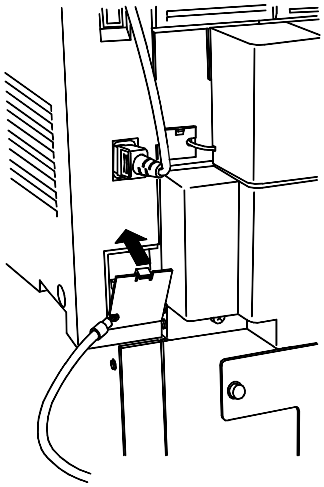
8. Remove the protective plastic wrap from the 10 Bin Sorter Interface Cable and Connector.
9. Plug in the Interface Cable Connector.

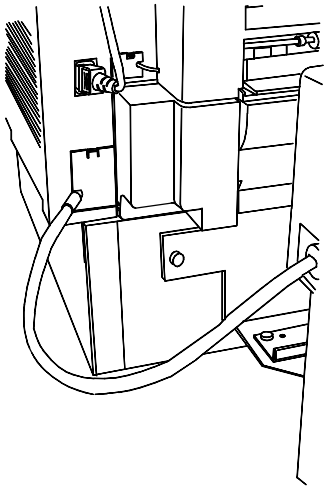


CAUTION

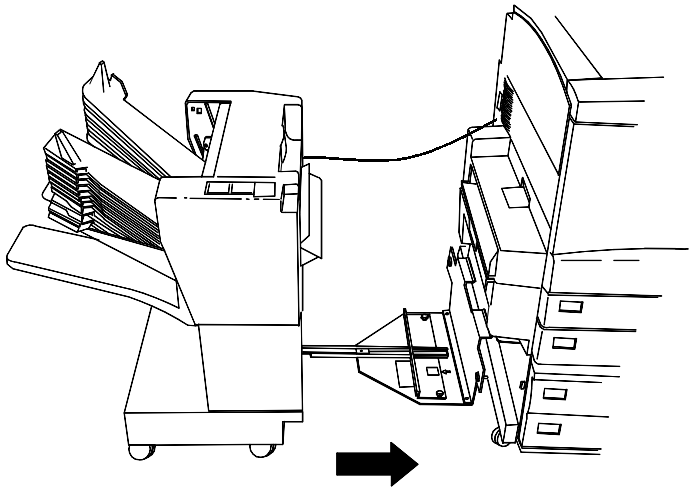
Be careful not to squeeze or disconnect any of the wires or the Interface Cable with the cover in the following step.

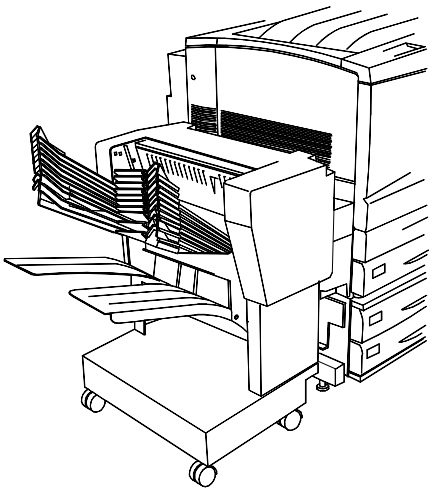
10. Remove the new Left Connector Cover (w/ Cutout) from the plastic bag. Holding the cable to the left (Rear view) cutout side of the opening, place the lower edge into the opening and push the new Left Connector Cover (w/ Cutout) up into place.





11. Slide the 10 Bin Sorter to the right into position.



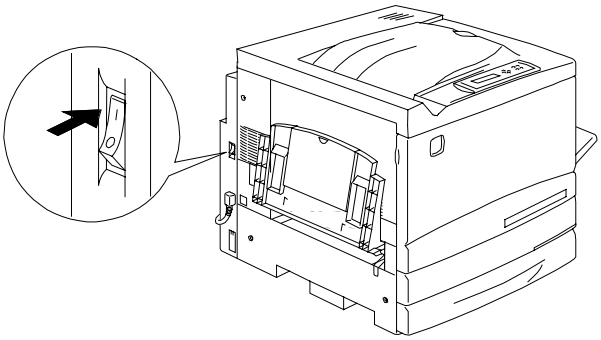


The Next Step

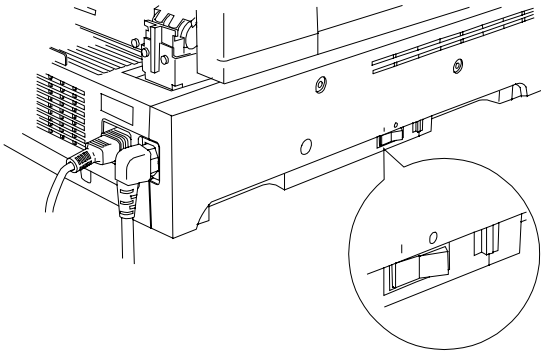
Go to the *Printing the Test Page* procedure.

Switching the Power On

1. Press the Power Switch to the On (**I**) position on the Printer.



2. Press the Power Switch to the On (**I**) position on the left-hand side of the Scanner.



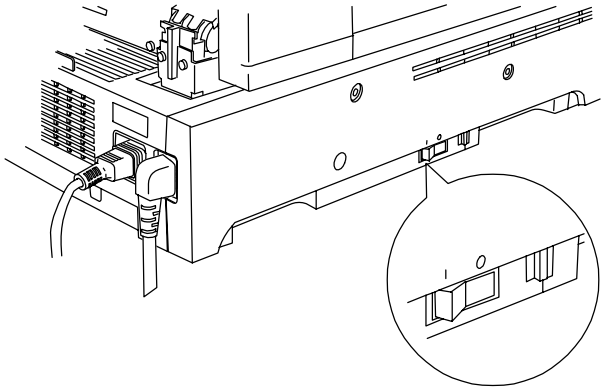
The DP-C106 performs a registration setup, then after a few moments messages indicating the Scanner is ready are displayed on the Printer Control Panel and on the Scanner Control Panel.

Switching the Power Off

1. Ensure that the **READY** message is displayed on the two Control Panels.

Do not switch Off the power if any other message is displayed. There may be a problem, or if the DP-C106 is networked, it may be receiving data.

2. Press the Power Switch to the Off (**O**) position on the Scanner only.

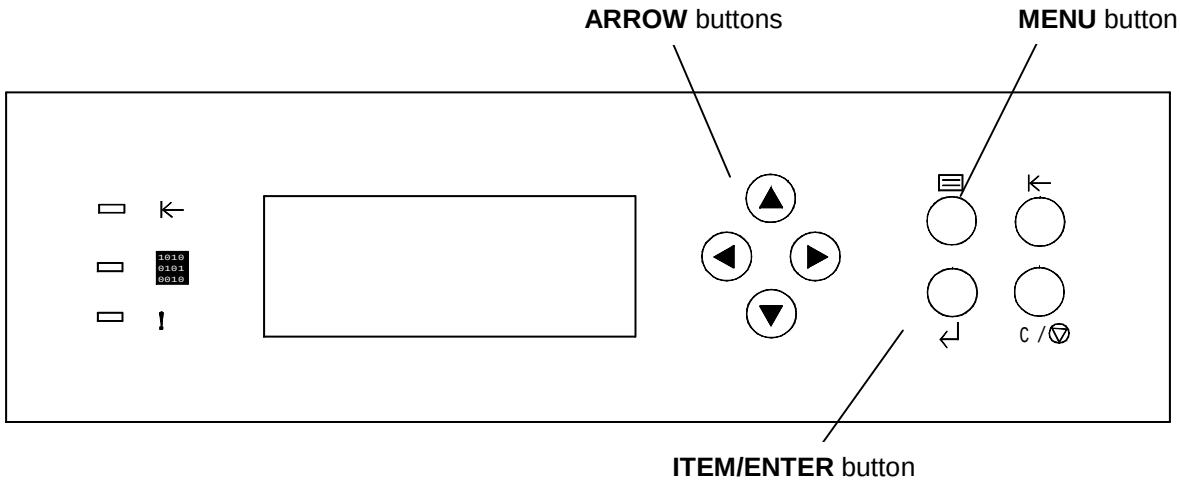


The Scanner controls the power for the Printer, therefore it is not necessary to switch Off the power on the Printer.

Printing a Test Page from the Printer Control Panel

Print the test page in order to ensure that the Printer is functioning. An original document is not required. The Test Page can be generated from the Printer Control Panel.

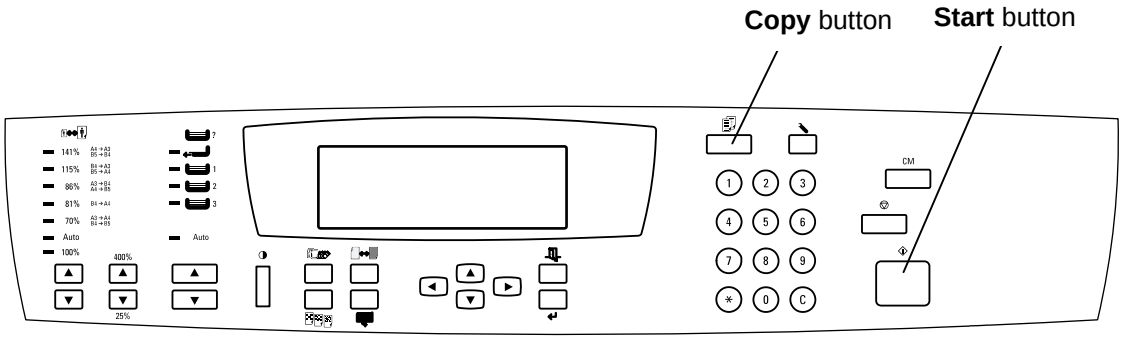
For a quick overview of the Control Panel, refer to the Getting to Know the DP-C106 *section of the Operating Instructions.*



1. Ensure that **READY** is displayed on the Printer Control Panel Screen.
2. Press the Printer **MENU** button repeatedly until the message **PRINT PAGES FROM LIST** is displayed on the Control Panel Screen.
3. Press the **ITEM/ENTER** button.
   PRINT CONFIGURATION appears on the Control Panel.
4. Press the (▲) **ARROW** button until **PRINT TEST PAGE** appears on the Control Panel.
5. Press the **ITEM/ENTER** button.
   PROCESSING JOB FROM TRAY 1 is displayed.
   After a moment the Test Page is delivered to the Output Tray on the top of the Printer.

Making a Test Copy from the Scanner

For a quick overview of the Scanner Control Panel, refer to Getting to Know the DP-C106 *section of the Operating Instructions.*



1. Ensure that **READY** is displayed on the Printer Control Panel Screen.
2. Lift the Scanner Cover and place an original on the Document Glass.
3. Press the **Copy** button to enter Copy mode.
4. Press the **Start** button on the Scanner Control Panel.
   After a moment the copy is delivered to the Output Tray on the top of the Printer.
5. Remove the original from the Document Glass.

The Next Step

Perform one of the following steps:

- If you are adding memory to the Printer, go to the *Adding Memory to the Printer* procedure.
- If you are adding memory to the Scanner, go to the *Adding Memory to the Scanner* procedure.
- If you are not adding memory, go to *Getting to Know the DP-C106* section of the Operating Instructions.

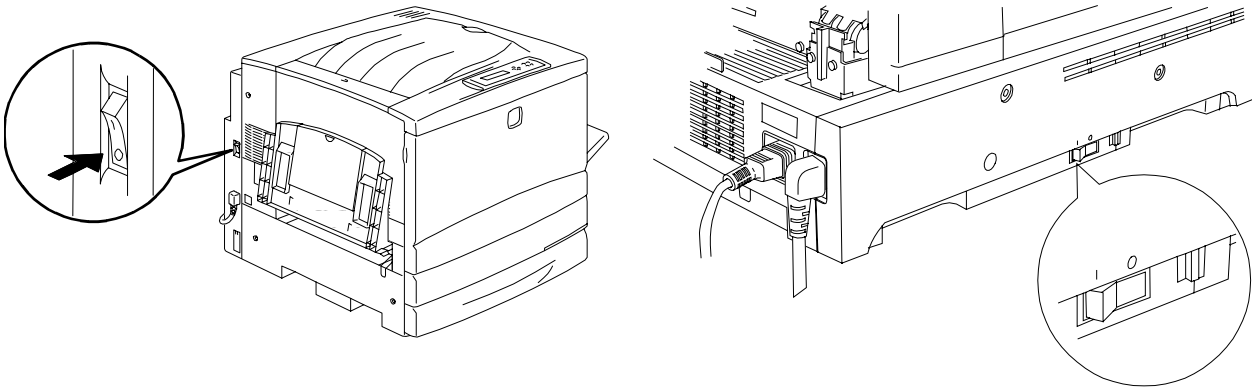
Adding Memory to the Printer

You will need a phillips head screwdriver to perform this procedure.

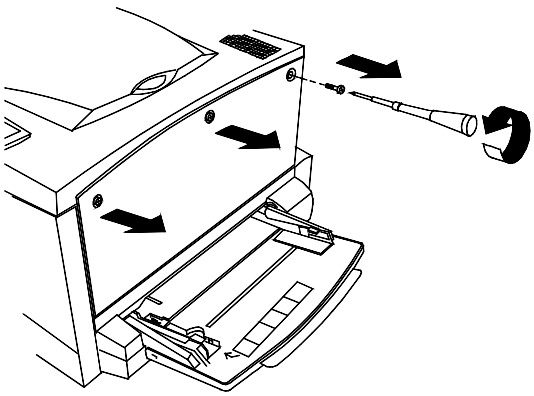
CAUTION

- Protect the Memory Card from static electricity by keeping it in the anti-static bag until you are ready to install it.
- Handle the card by the top or side edges only. Do not touch the card components or the gold connector edge.
- Avoid placing the card near magnetic devices, such as a PC Monitor.
- Avoid exposing the card to direct sunlight, high temperatures, or humidity.

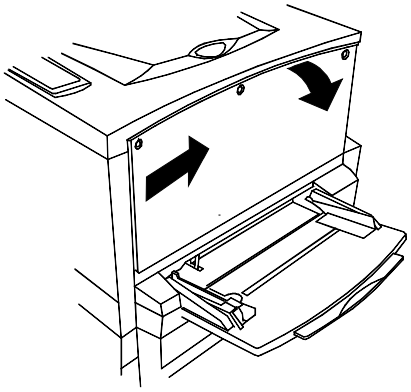
1. Switch Off the power to the Printer and to the Scanner.

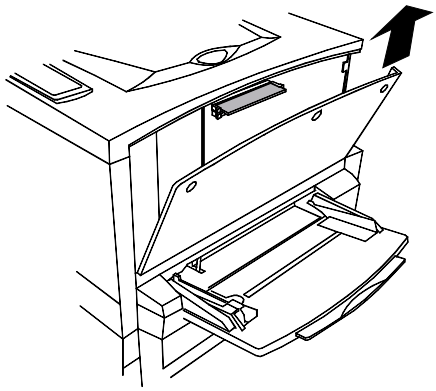


2. Remove the **three screws** from the upper right-hand side panel of the Printer.



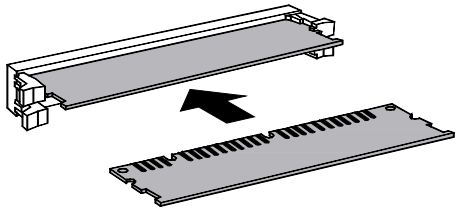
3. Slide the panel to the rear and lift to remove. The memory card slots are located behind the panel.





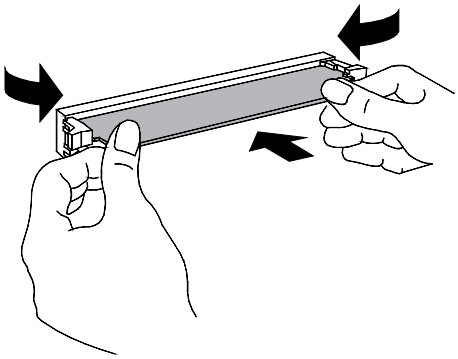
- The upper slot contains the 64MB memory card, already installed
- The lower slot is empty.

4. If you are replacing the 64MB memory card with one or two memory cards, go to step 6. If you are adding another memory card to the existing 64MB memory, perform step 5.
5. Remove the additional Memory Card from the anti-static bag.



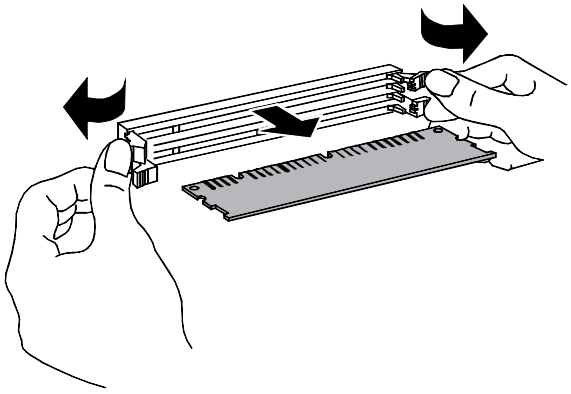
a. Separate the clips and slide the card into the lower slot below the 64MB memory card.

b. Using your thumbs, press the card into the slot until it clicks.

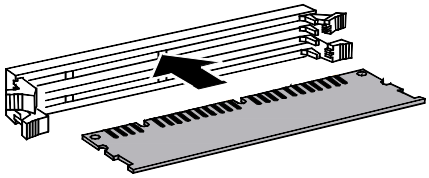


c. Go to step 7.

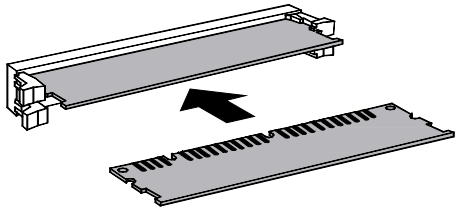
6. To replace the 64MB memory card perform the following steps:
   a. In order to remove the 64MB memory card separate the two clips on the sides of the card slot using your thumbs.
   b. When the clips are separated, remove the 64MB card.



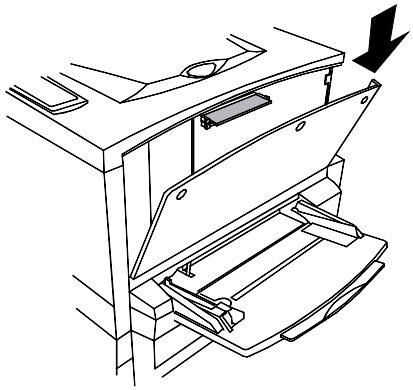
   c. Remove the new Memory Card from the anti-static bag.
   d. Place the 64MB memory card in the anti-static bag.
   e. Slide the new Memory Card into the upper slot.
   f. Using your thumbs, press the card into the slot until it clicks.



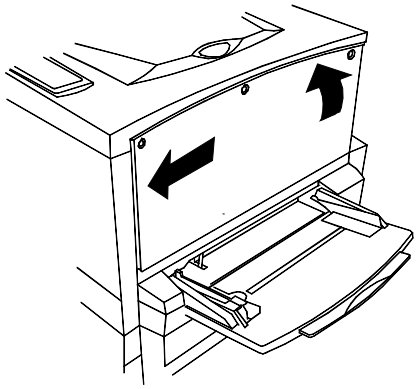
   g. If you are installing a second card, slide it into the lower slot and press it into place.



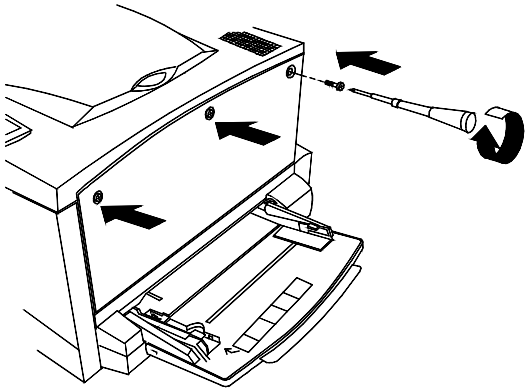
7. Insert the left-hand side Printer panel into place as shown below.



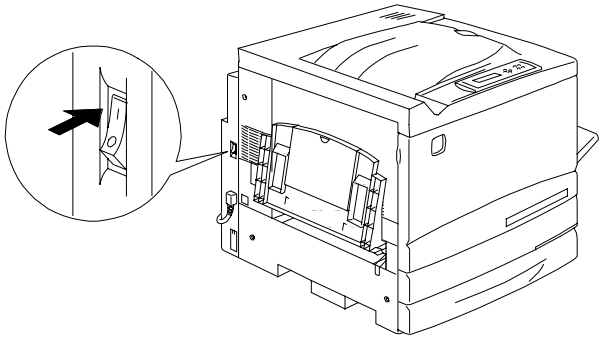
8. Press the panel closed and slide it to the front of the unit.

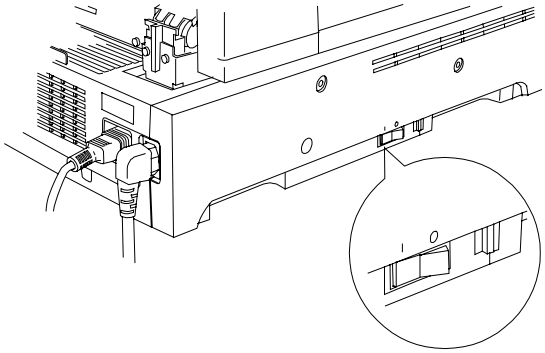


9. Reinstall the three screws into the side panel.



10. Switch On the Printer and the Scanner power.





11. After a few moments, READY is displayed on the control panel.

The Next Step

Perform one of the following steps:

- If you are adding memory to the Scanner, go to *Adding Memory to the Scanner* procedure.
- If you are not installing memory to the Scanner, go to the *Getting to Know the DP-C106* section of the Operating Instructions.

Adding Memory to the Scanner

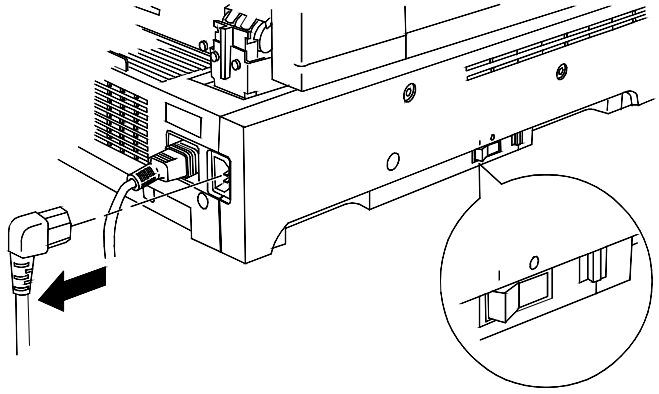
The Scanner Memory Card enables 2-Sided copying.

You will need a flat blade screwdriver to perform this procedure.

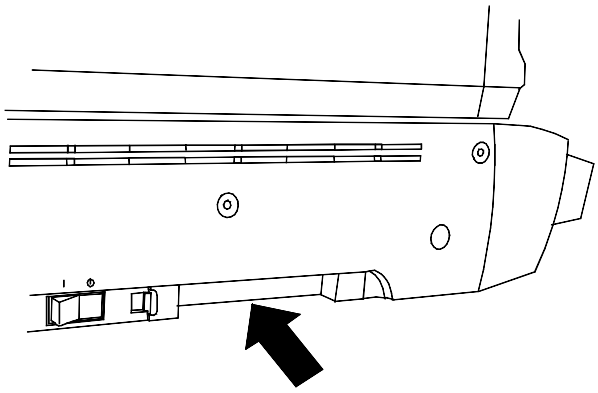
CAUTION

- Protect the Memory Card from static electricity by keeping it in the anti-static bag until you are ready to install it.
- Handle the card by the top or side edges only. Do not touch the memory card components or the gold connector edge.
- Avoid placing the memory card near magnetic devices, such as a PC Monitor.
- Avoid exposing the memory card to direct sunlight, high temperatures, or humidity.

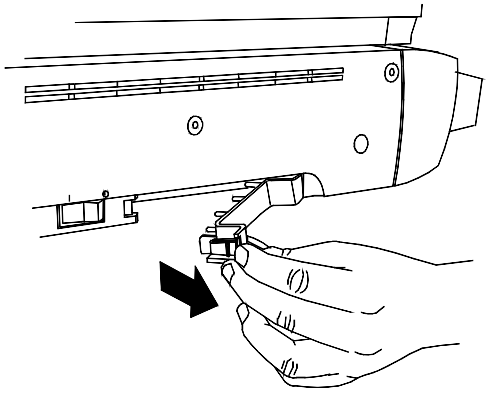
1. Switch Off the power to the Scanner and unplug the Power Cord.



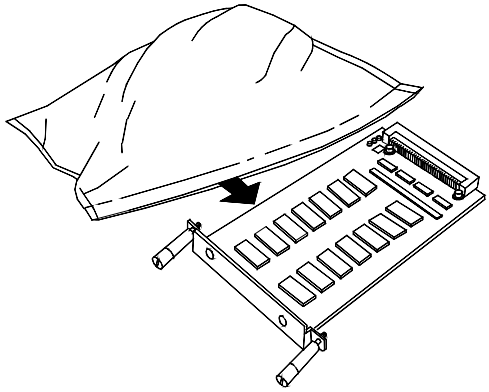
2. Locate the access cover on the left side of the Scanner.



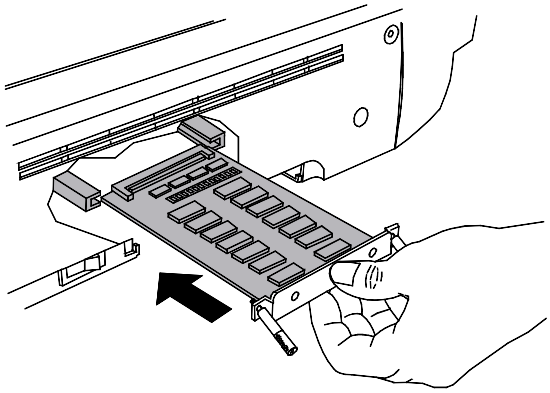
3. Press the latch toward the front, and remove the access cover from the Printer.



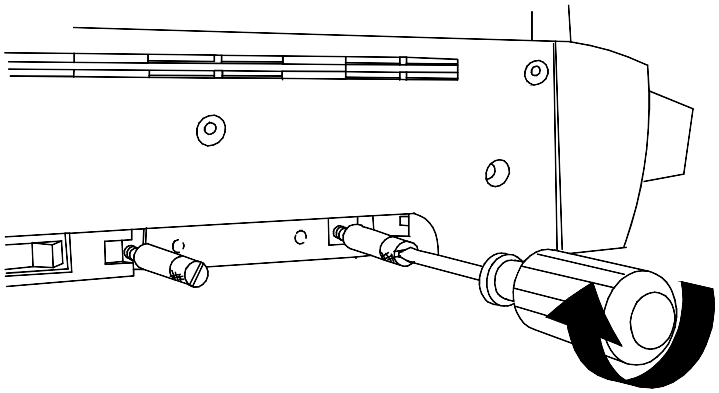
4. Using a Slotted Blade Screwdriver, loosen 2 screws on the Memory Protective Cover and remove it.
5. Remove the Memory Card from the anti-static bag.



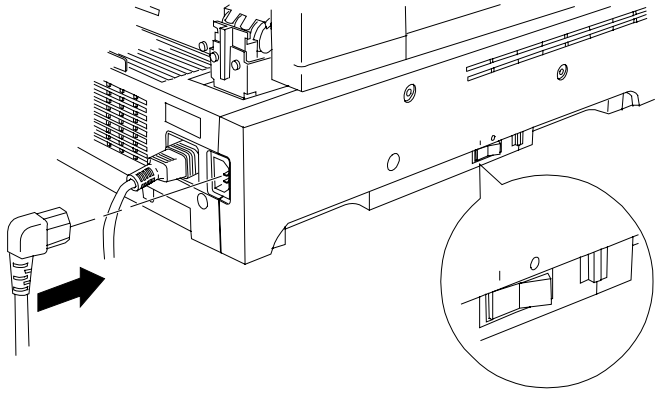
6. With the card connector facing upwards, align the card to the rails in the access slot, then push the memory card into the Scanner as far as it will go.



7. Align the screws on the end of the memory card to the holes in the rear Printer cover.
8. Use a Slotted Blade Screwdriver to tighten the screws.



9. Replace the access cover, plug the Power Cord into the Scanner and switch On the power.



10. After a few moments, READY is displayed on the printer control panel.

The Next Step

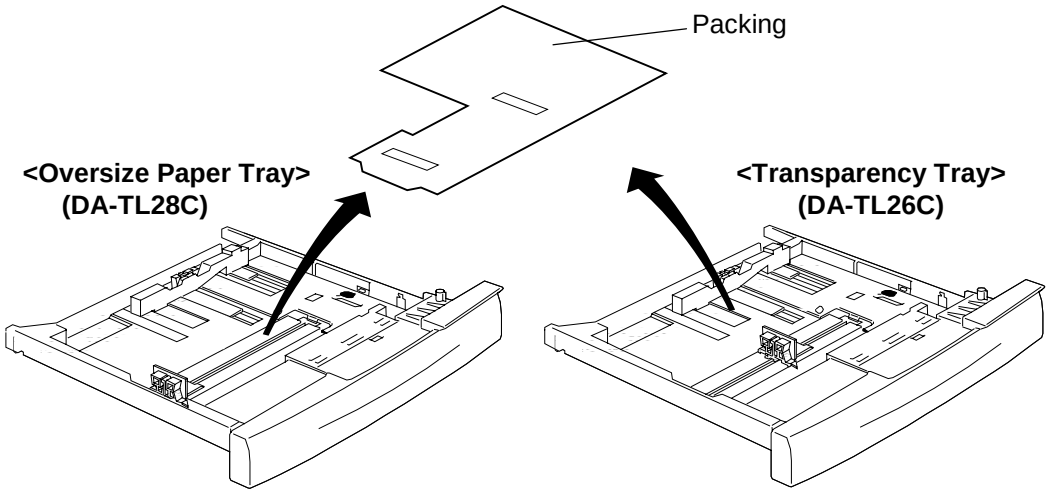
Go to the *Installing the Oversize Paper Tray/Transparency Tray (option)* section of the Operating Instructions.

Installing the Oversize Paper Tray/Transparency Tray (option)

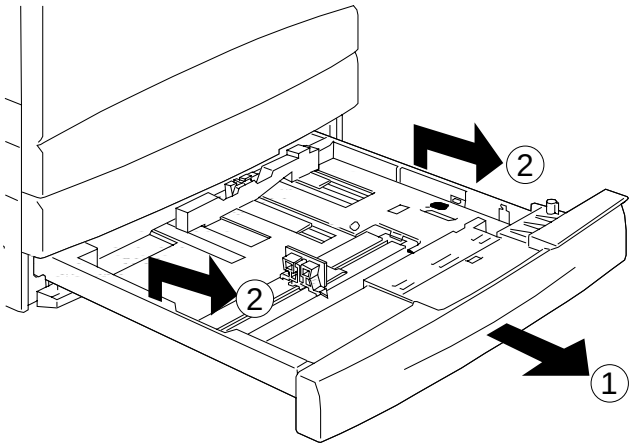
The optional Oversize Paper Tray (DA-TL28C) can be used for oversized paper.

The optional Transparency Tray (DA-TL26C) can be used for OHP.

1. Open the carton box and remove the packing.



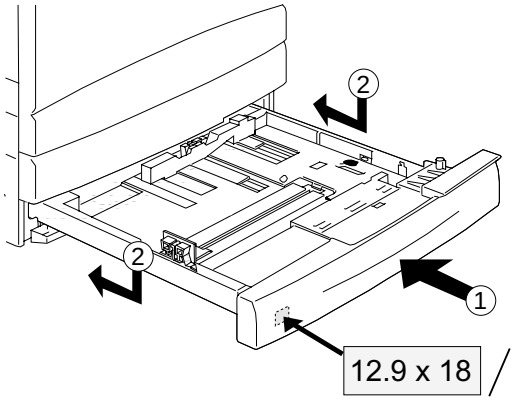
2. Remove the current Paper Tray.



3. Install Oversize Paper Tray/Transparency Tray.

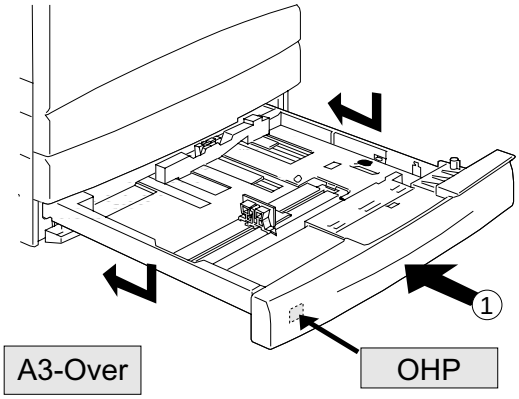
4. Place the Tray Label on the Front Panel of Tray , if necessary.

<Oversize Paper Tray>
(DA-TL28C)



/ A3-Over

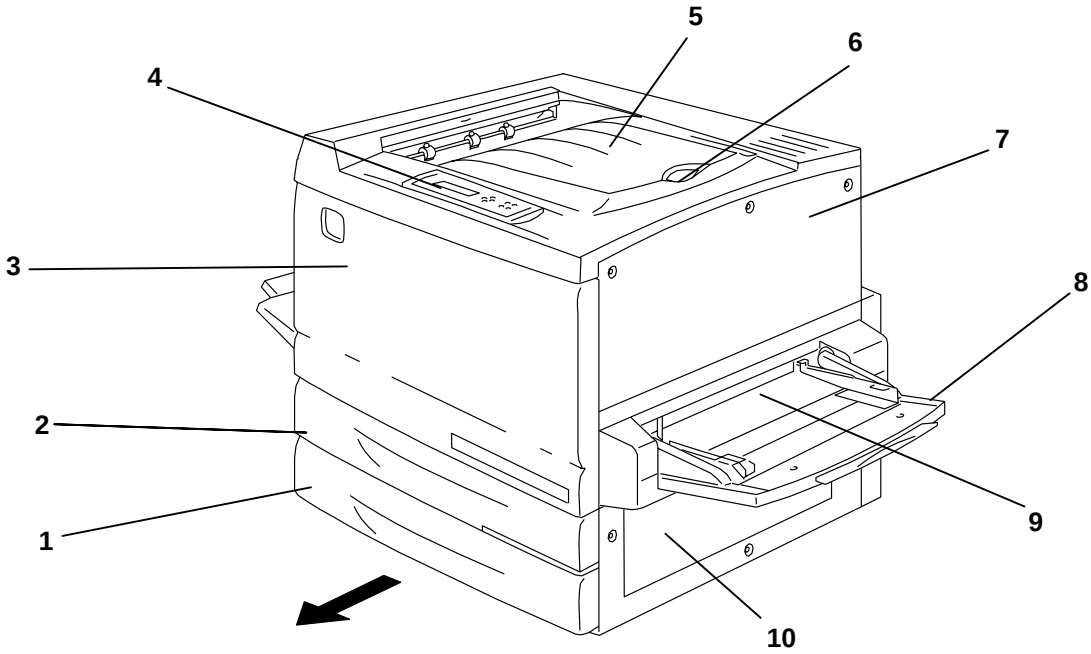
<Transparency Tray>
(DA-TL26C)



The Next Step

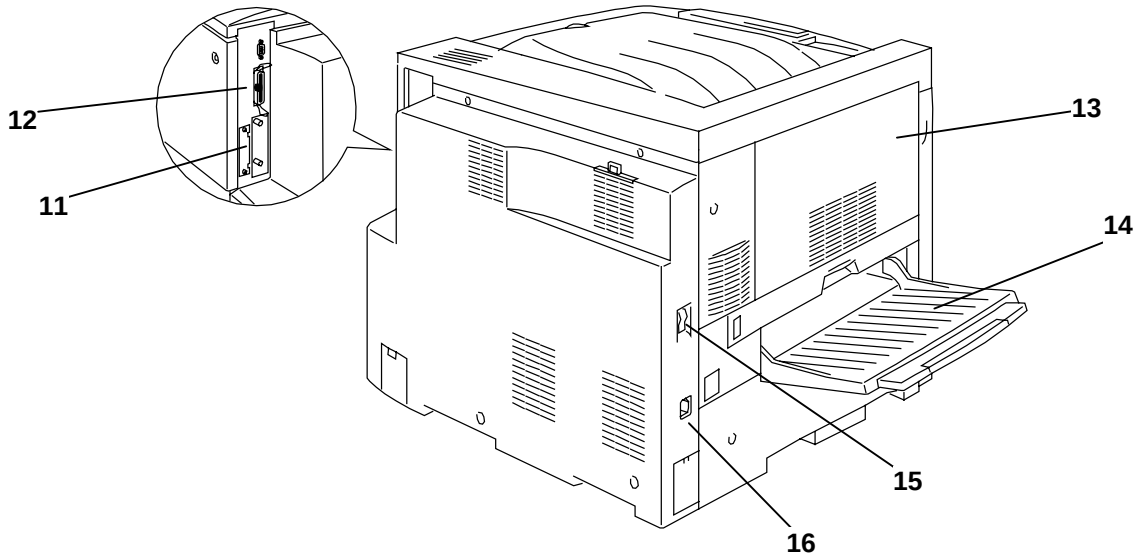
Go to the *Getting to Know the DP-C106* section of the Operating Instructions.

2 Getting to Know the DP-C106



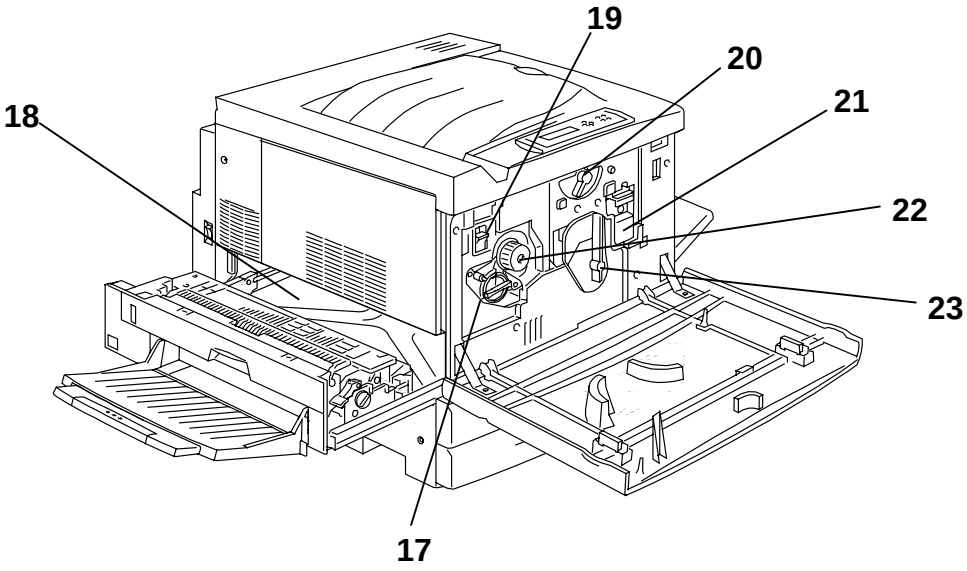
Printer, Front View

1. **Paper Tray 1** – place paper supply here
2. **Duplex Unit/Kit** – option that allows two-sided printing
3. **Front Cover** – open to access the Toner Cartridges and the Print/Copy Cartridge
4. **Control Panel** – use to access the Printer menus and to view messages
5. **Printer Output Top Tray** – the prints are delivered here
6. **Paper Stop** – use to stop oversized prints from being pushed out of the Output Tray. The Paper Stop is adjustable up to 17 x 11 inch (B4) paper
7. **Top Right-hand Cover** – open to add additional memory
8. **Bypass Tray** – use for transparencies, envelopes, postcards, or other stock
9. **Bypass Transport** – open to access paper jams
10. **Paper Feed Area** – open to access paper jams



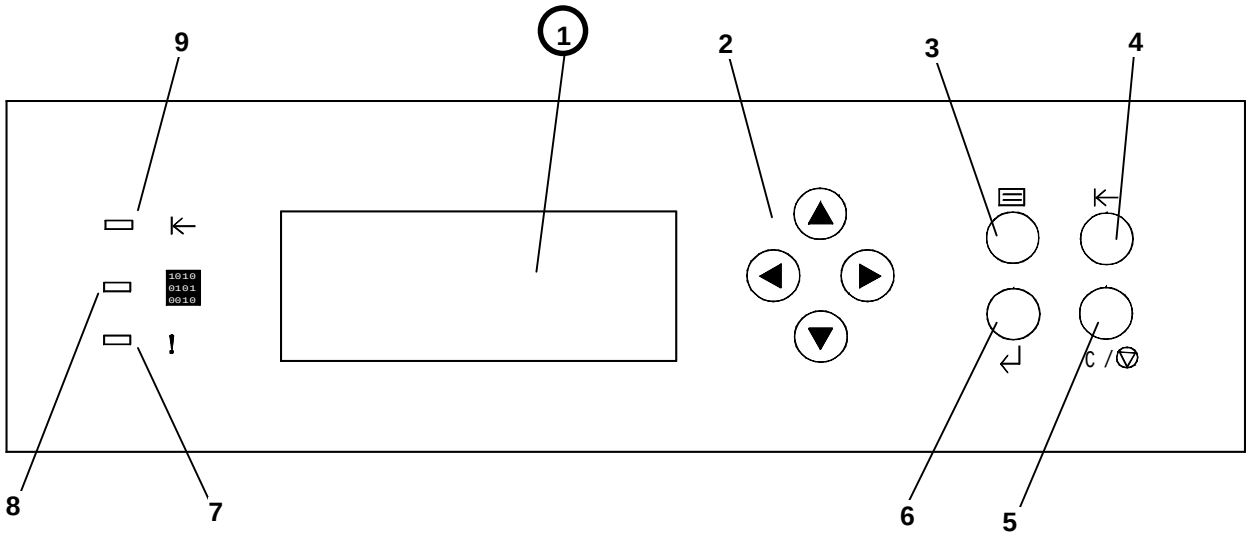
Printer, Rear View

11. **Scanner Power Connector** –provides power to the Scanner
12. **Scanner Interface Connector** – provides interface to the Scanner
13. **Area 4 Access Cover** – open to access paper jams
14. **Printer Side Output Tray** – copies are delivered to this tray
15. **Printer Power Switch** – use to switch the Printer power Off and On
16. **Printer Power Cable Connector** – connect the Printer Power Cable here



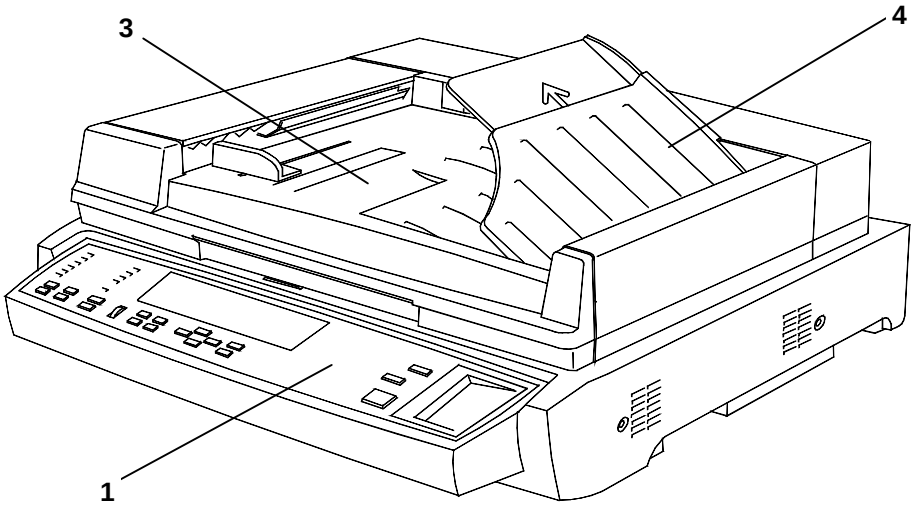
Printer, Internal View

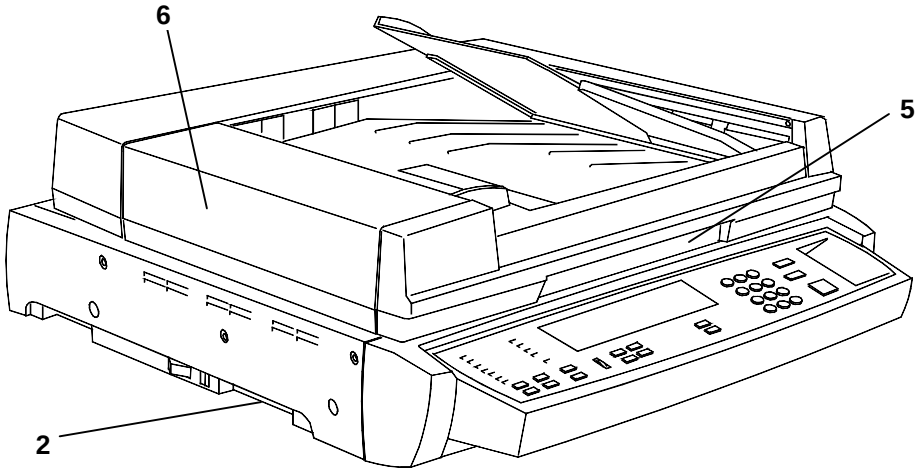
17. **Toner Carousel Access** – the four Toner Cartridges are installed one at a time, through this opening
18. **Fuser Jam Clearance Area** – the Fuser applies heat to the Toner in order to adhere it to the paper
19. **Anti-rotation Lever** – use to release the Toner Carousel in order to remove and replace the Toner Cartridges
20. **Lever B** – used to lock the Print/Copy cartridge in position
21. **Print/Copy Cartridge** – use to transfer copy/print image to media
22. **Knob** – used to manually turn the carousel in order to access the Toner Cartridges
23. **Lever A** – the Print/Copy Cartridge is accessed through here



Printer Control Panel

1. **Control Panel Screen** – use to view the system status, menu options, problem messages, and fault codes
2. **(▲▼◀▶) ARROW buttons** – use to view listed options in a menu
3. **MENU button** – use to step through the Printer menus
4. **OFFLINE button**– use this button to change the system status from on-line to off-line and back again
5. **CLEAR/STOP button** – use this button to Clear an entry, Stop a procedure or Cancel an operation and to return to the READY menu
6. **ITEM/ENTER button**– use this button to select options displayed on the screen
7. **ERROR Indicator** – this indicator is lit when an error has occurred
8. **PROCESSING Indicator** – this indicator is lit when Printer is processing a job
9. **ONLINE Indicator** – this indicator is lit when the system is on-line

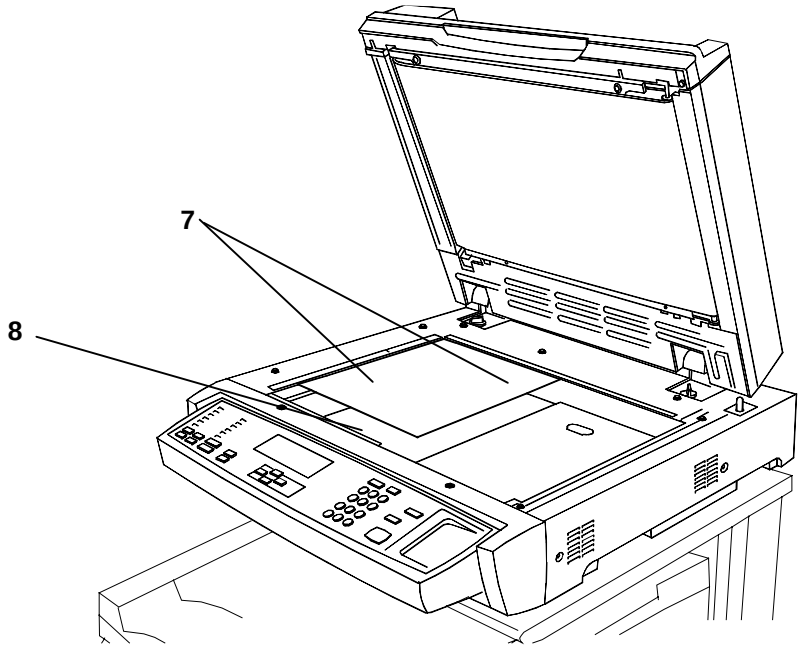




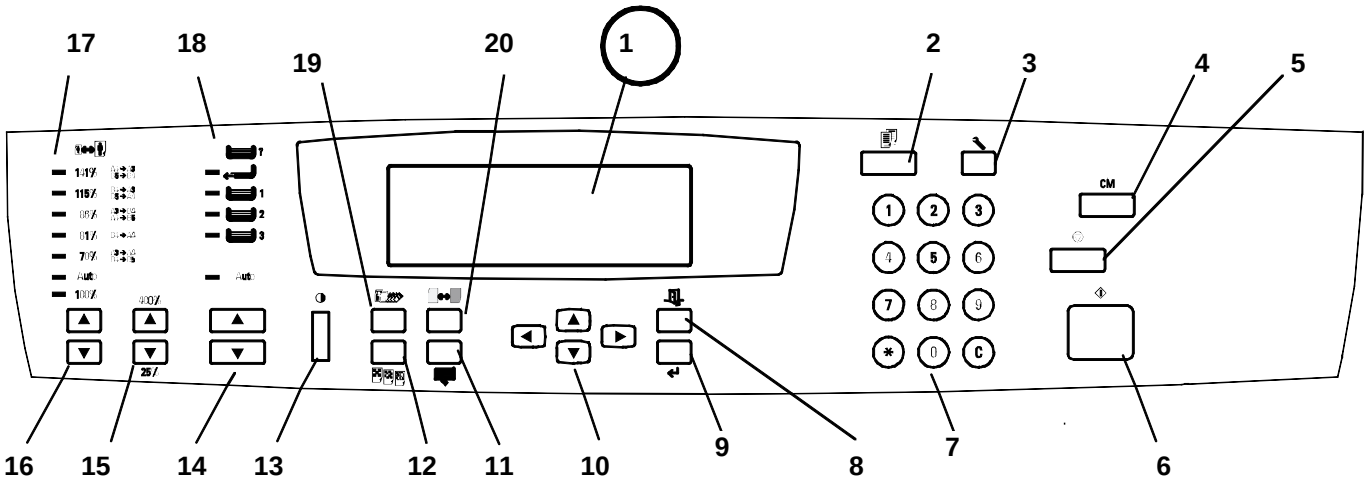
Scanner and Automatic Document Feeder (ADF) Components

The ADF comes mounted to the Scanner. Its components are illustrated and described by numbers 3 through 6.

1. **Scanner Control Panel** – use to access the DP-C106 features and options
2. **Memory Expansion Slot** – provided for the 1 to 2 Side Copy option
3. **Document Input Tray** – place the originals to be scanned here
4. **Original Exit Tray** – scanned originals are delivered here
5. **Document Cover Handle** – use to access the Document Glass
6. **Access Cover** – raise to access the feed rollers and to clear jams



7. **Registration Guide**– align the original with the Registration Guide
8. **Document Glass** – supports the original for scanning



Scanner Control Panel

1. **Control Panel Screen** – use to view the system status, menu options, problem messages, and fault codes
2. **Copy button** – use to change the system from the on-line mode to copying mode
3. **Tools button** – provides access to the administration features
4. **Clear All button** – use to clear the selected option and reset the system to the defaults
5. **Stop button** – use to stop the copying process
6. **Start button** – use to start the copying process
7. **Numeric Keypad** – use to enter copy quantity and passwords
8. **Exit button** – use to return to the previously displayed screen message
9. **Select button** – use to save the currently selected features and options
10. **(▲▼◀▶) ARROW (Menu) buttons** – use to view listed options in a menu
11. **Advanced Features button** – use to access the Output, Erase, 2-sided, and 2 Up features
12. **Quality Adjustment buttons** – use to access the quality adjustment screen in order to change the Sharpness and the Color Level of the copies
13. **Contrast Dial** – use to lighten or darken the Control Panel Screen
14. **Paper Supply (▲▼)ARROW buttons** – use to select the desired paper tray

15. **Zoom (▲▼) ARROW buttons** – use to select Reduce/Enlarge from 25-400%
16. **Reduce/Enlarge (▲▼) ARROW buttons** – use to select one of the preset reduction or enlargement settings
17. **Reduce/Enlarge indicators** – indicates which setting is currently selected
18. **Paper Supply indicators** – indicates which paper tray is currently selected
19. **Color Mode button** – use to access color mode options
20. **Lighten/Darken button** – use to lighten or darken the output

Options and Supplies

The DP-C106 is a digital Color Copier/Printer which can produce images with great color and clarity. Furthermore, its copying/printing functionality can also be greatly enhanced by the addition of the following options and supplies. We hope you find that the wide ranging capabilities will make your office-place more productive and efficient.

Options

Part Name	Part No.	Description
10 Bin Sorter	DA-S27C	The 10 Bin Sorter can sort or stack up to 10 sets of copies in the bins. It can also be used to stack up to 500 sheets in the high capacity bin. The ADF is required for full functionality.
112MB Image Memory Upgrade	DA-SM112C	Add 112MB of memory to scanner for 2 sided copying.
64MB Memory Upgrade 128MB Memory Upgrade	DA-RM64C DA-RM128C	Up to 256MB capacity of memory for the Printer. (Except Europe)
Duplex Unit (Except North America: Duplex Kit)	DA-DU26C (For North America) DA-DU27C (Except North America)	Enables 2-Sided printing.
Oversize Paper Tray	DA-TL28C	This tray handles paper stock up to 12 x 18 inches in size.
Transparency Tray	DA-TL26C	This tray can handle up to 100 transparencies. (8.5 x 11" only)

Supplies

Part Name	Part No.
1 Black Toner Cartridge	DQ-UR26K
1 Cyan Toner Cartridge	DQ-UR26C
1 Magenta Toner Cartridge	DQ-UR26M
1 Yellow Toner Cartridge	DQ-UR26Y
1 Print/Copy Cartridge	DQ-UH26X
1 Toner Waste Container	DQ-BF28X

3 System Administrator Functions

This chapter provides an introduction to system administrator functions as well as a guide to the documentation. It includes the following:

- A flowchart that lists system administration functions in the order they are generally performed. It also provides a map to the networking chapters.
- A table that lists common system administrator functions and provides references to the appropriate chapters

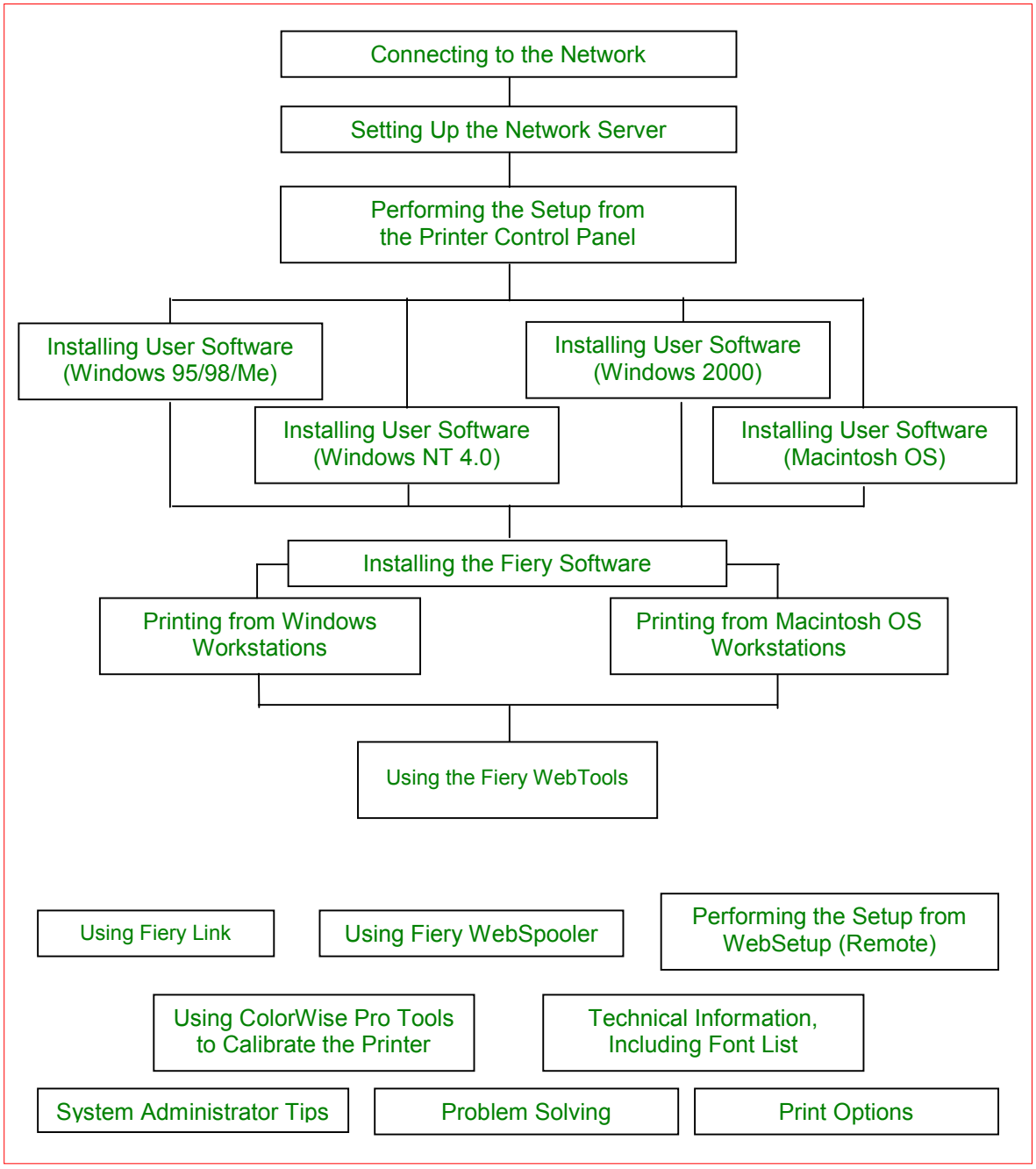
The Fiery utilities enable remote users to view server functions. Users may also have the ability to manage jobs remotely if the system administrator has assigned them such privileges. For a more detailed introduction, refer to the chapter *Using the Fiery WebTools*.

You should also refer to the table of contents and index for assistance in locating information.

The DP-C106 is referred to as a Printer in chapters that refer primarily to its printing capabilities.

Map to the Networking Chapters

The following flowchart provides the general order of system administration tasks for the DP-C106 from installation through printing. Chapters that are below the main flowchart do not have to be performed in any particular order and may be used as needed after initial installation. Refer to the chapters for details.


Connecting to the Network
Setting Up the Network Server
Performing the Setup from the Printer Control Panel
Installing User Software (Windows 95/98/Me)
Installing User Software (Windows 2000)
Installing User Software (Windows NT 4.0)
Installing User Software (Macintosh OS)
Installing the Fiery Software
Printing from Windows Workstations
Printing from Macintosh OS Workstations
Using the Fiery WebTools
Using Fiery Link
Using Fiery WebSpooler
Performing the Setup from WebSetup (Remote)
Using ColorWise Pro Tools to Calibrate the Printer
Technical Information, Including Font List
System Administrator Tips
Problem Solving
Print Options

Guide to the Networking Chapters

Administration features are provided in the user software package and are built into the DP-C106. The following table indicates where information about these features is located.

For these operations:	And these tasks:	Refer to*:*
Connecting and setting up the printer; modifying printer setup	Connecting the DP-C106 and performing initial Setup from the control panel	*Preparing for the Setup* *Performing the Setup from the Printer Control Panel*
Setting up network servers	Setting up servers to manage and share printing services	*Setting Up the Network Server* Novell Documentation
Setting up the printing environment	Setting printer defaults, including modes, imaging, paper size handling, and error handling.	*Installing User Software in a Windows 95/98/Me Environment* *Installing User Software in a Windows 2000 Environment* *Installing User Software in a Windows NT 4.0 Environment* *Installing User Software in a Macintosh OS Environment* *Installing the Fiery Software for Windows and Macintosh*
Setting up the job environment	Publishing the Print queue, the Direct Connection, or the Hold queue for end users.	*Setting Up the Network Server* Novell Documentation
Protecting the integrity of user jobs and maintaining the consistency of printer settings	Setting passwords	*Setting Up the Network Server* Novell Documentation
Setting up all new users	Setting up printing, including installing PS and PCL printer drivers, and PPD and PDD files. Installing optional user software. Installing color reference pages (CMYK swatches, PANTONE Reference, color sample pages) Preparing users to access Fiery WebTools.	*Installing User Software in a Windows 95/98/Me Environment* *Installing User Software in a Windows 2000 Environment* *Installing User Software in a Windows NT 4.0 Environment* *Installing User Software in a Macintosh OS Environment* *Installing the Fiery Software for Windows and Macintosh* *Setting Up the Network Server* Novell Documentation

For these operations:	And these tasks:	Refer to*:*
Getting users started with printing	Setting up printing to the DP-C106. Setting job-specific options. Using Fiery Utilities	*Printing from the Windows Workstations* *Printing from the Macintosh OS Workstations*
Setting printing options in printer properties windows or in applications printing windows	Setting and overriding print options	*Print options* Refer also to the section *Setting Print Options* in the *Installing User Software* for your operating system.
Controlling the job flow	Using Fiery WebTools and Fiery utilities for managing jobs, tracking current jobs, canceling jobs, printing jobs in the Hold queue, or reprinting from the Printed or Hold queues.	*Using the Fiery WebTools*
Modifying the printer setup remotely	Performing Setup procedures from the WebSetup utility	*Performing the Setup from WebSetup*
Calibration and color management	Printing with CMYK simulations Calibrating the DP-C106. Printing color samples swatch pages. Installing the color profiles.	*Using ColorWise Pro Tools*
Maintaining optimum DP-C106 performance	Tips Deleting jobs and clearing queues	*System Administrator Tips*
Problem solving	Solving Setup Problems Printing, printer, and user software troubleshooting.	*Problem Solving*

4 Connecting to the Network

This chapter discusses the basic stages of connecting the printer to the network, provides an overview of network requirements and protocol diagrams, and describes how to physically connect the printer to an established network.

Network installation is generally performed by a network or printing administrator and involves four stages:

- Physical connection of the printer to the network and to the server. If this step includes preparation of a network node and routing of the printer network cable, refer to the network documentation for specific installation instructions.
- Configuring UNIX, Windows NT 4.0 and IPX (Novell) network servers to provide client access to the DP-C106 as a color PostScript or PCL printer. No special configuration of AppleShare servers is required. Refer to *Setting up the Network Server*.
- Setting up the printer for the network environment. At the Printer Control Panel, configure the Server Setup, Network Setup, and Printer Setup. You can then configure the remaining setup options from the Printer Control Panel or remote workstation with WebSetup. You can also calibrate the DP-C106. Refer to *Performing the Setup from the Printer Control Panel* and *Using ColorWise Pro Tools*.

- Preparing each client workstation that will be printing to the DP-C106. Install the appropriate printer drivers and print description files and connect the workstation to the network. When appropriate, install Fiery utilities and an Internet browser. Verify the printer in the list of printers and run a test print. Refer to the *Installing User Software* for your operating system.

The system administrator is responsible for monitoring and maintaining system performance and troubleshooting any network problems that arise. For more information, refer to *Problem Solving.*

Supported Network Protocols and Frame Types

The DP-C106 supports TCP/IP, IPX/SPX, and AppleTalk protocols (rules that enable computers on a network to communicate with each other). These protocols are supported on Mac OS, Windows, and UNIX platforms. All can be simultaneously active. Workstations that use other protocols can print through a server that uses one of the protocols mentioned.

The following table lists supported protocols, printing services, frame types and platforms:

Protocol	Printing Services	Frame Types	Platforms
Novell IPX/SPX	PServer (Printer Server) Enables printing in NetWare networks. Can run in bindery and NDS modes. Supports up to 8 servers and an NDS connection.	Ethernet 802.2 Ethernet 802.3 Ethernet_II Ethernet SNAP	Windows NT Windows 95/98/Me Windows 2000
TCP/IP	LPD (Line Printer Daemon), the standard TCIP/IP printing protocol http protocols for web pages Enables printing in TCP/IP networks using LPR clients. Supports direct socket interface with port 9100.	Ethernet_II	Windows NT Windows 2000 Solaris 2.4 SunOS 4.1.x
TCP/IP	SMB (Server Message Block), the protocol that supports Windows File and Print Sharing.	Ethernet_II	Windows NT Windows 95/98/Me Windows 2000
AppleTalk	PAP (Printer Access Protocol)	Ethernet SNAP (EtherTalk Phase 2 only)	Macintosh Windows 2000

Quick Path to Installation

The DP-C106 can use Ethernet cabling to multiple workstations. It also supports a parallel cable connection to a single workstation.

Ethernet Cabling

The standard Ethernet cabling includes the following:

- Unshielded Twisted Pair (UTP), defined as Category 5 for 100Base-TX (Fast Ethernet)
- Unshielded Twisted Pair (UTP), Category 3, 4, or 5 for use with 10Base-T

The cable uses an 8-pin RJ-45 connector that plugs into the RJ-45 socket on the printer.

Do not attach cables to more than one Ethernet connector; only one Ethernet connection can be made at any one time.

Parallel Cable Connection

The DP-C106 can also accept print jobs from a Windows computer through its high-speed, bi-directional parallel port. This connection is useful for portable computers and for workstations that use dedicated networks using protocols other than AppleTalk, TCP/IP, or IPX. Parallel port connections can be used simultaneously with network connections.

The parallel port accepts a bidirectional Centronics-type (IEEE-1284) printer cable.

The diagrams on the following pages illustrate typical system installations. Refer to the page with your preferred platform and network type. For actual installation and setup, refer to the chapters that are appropriate to your system.

The illustrations are logical diagrams are not intended to describe the physical arrangement (topology) of devices on the network. A variety of physical arrangements is possible with each logical arrangement.

If the network uses more than one protocol or more than one type of workstation, combine the setups listed for each component of your system. Multiple protocols (illustrated as parallel lines) can run on the same cable. A solid connection from the printer with an arrow indicates that other supported network types can be operational at the same time.

The IPX/SPX, TCP/IP and AppleTalk functionality outlined in this section is available on Ethernet networks only.

The protocols used in these diagrams are illustrated as follows:

IPX (Novell)

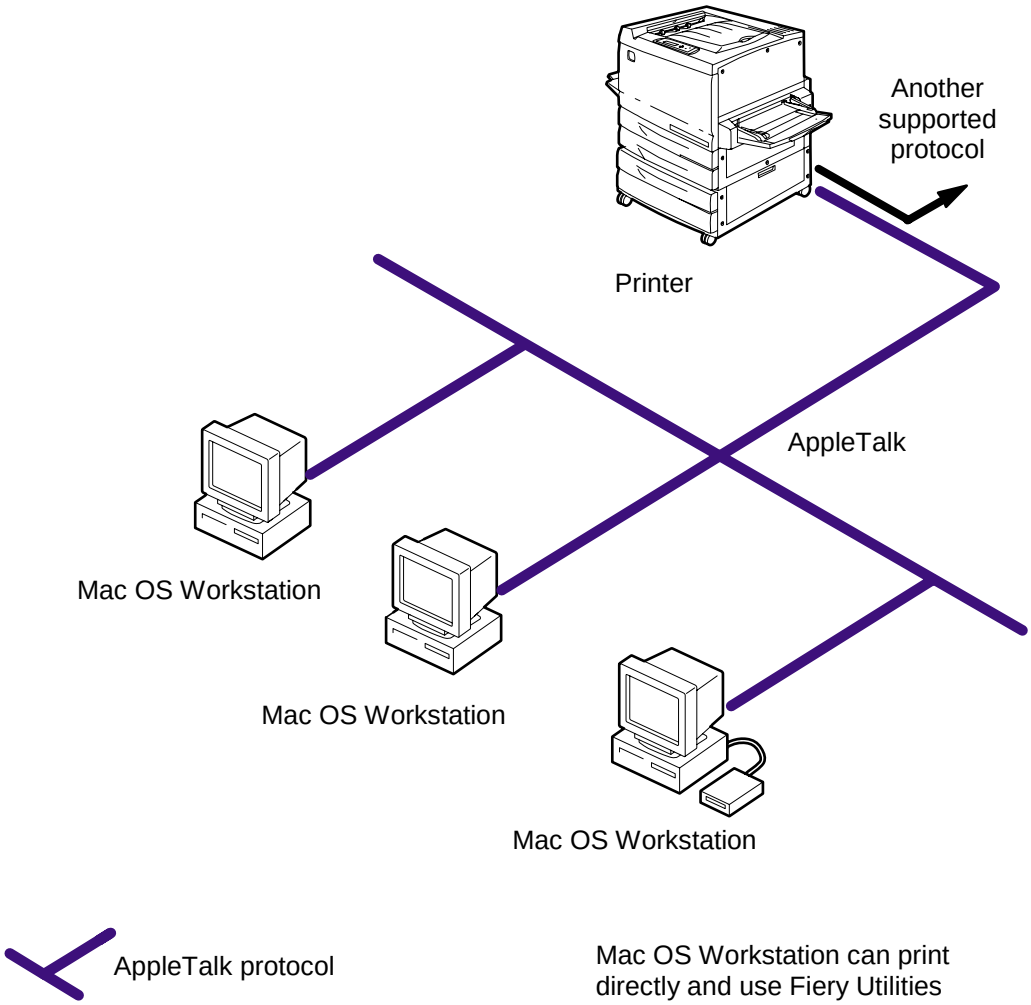
Parallel

AppleTalk

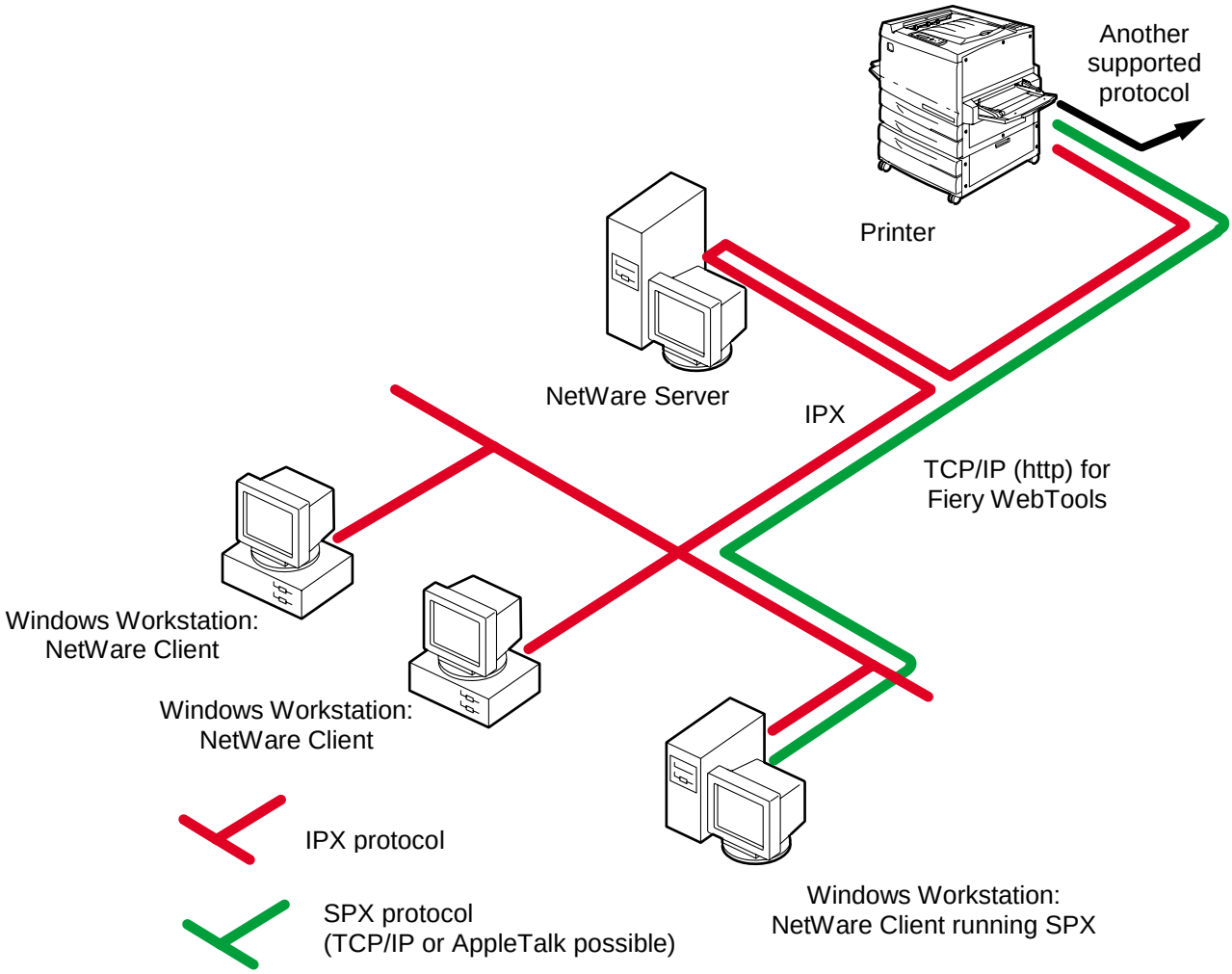
Other

TCP/IP (lpd, SMB or http)

Mac OS Environment with AppleTalk



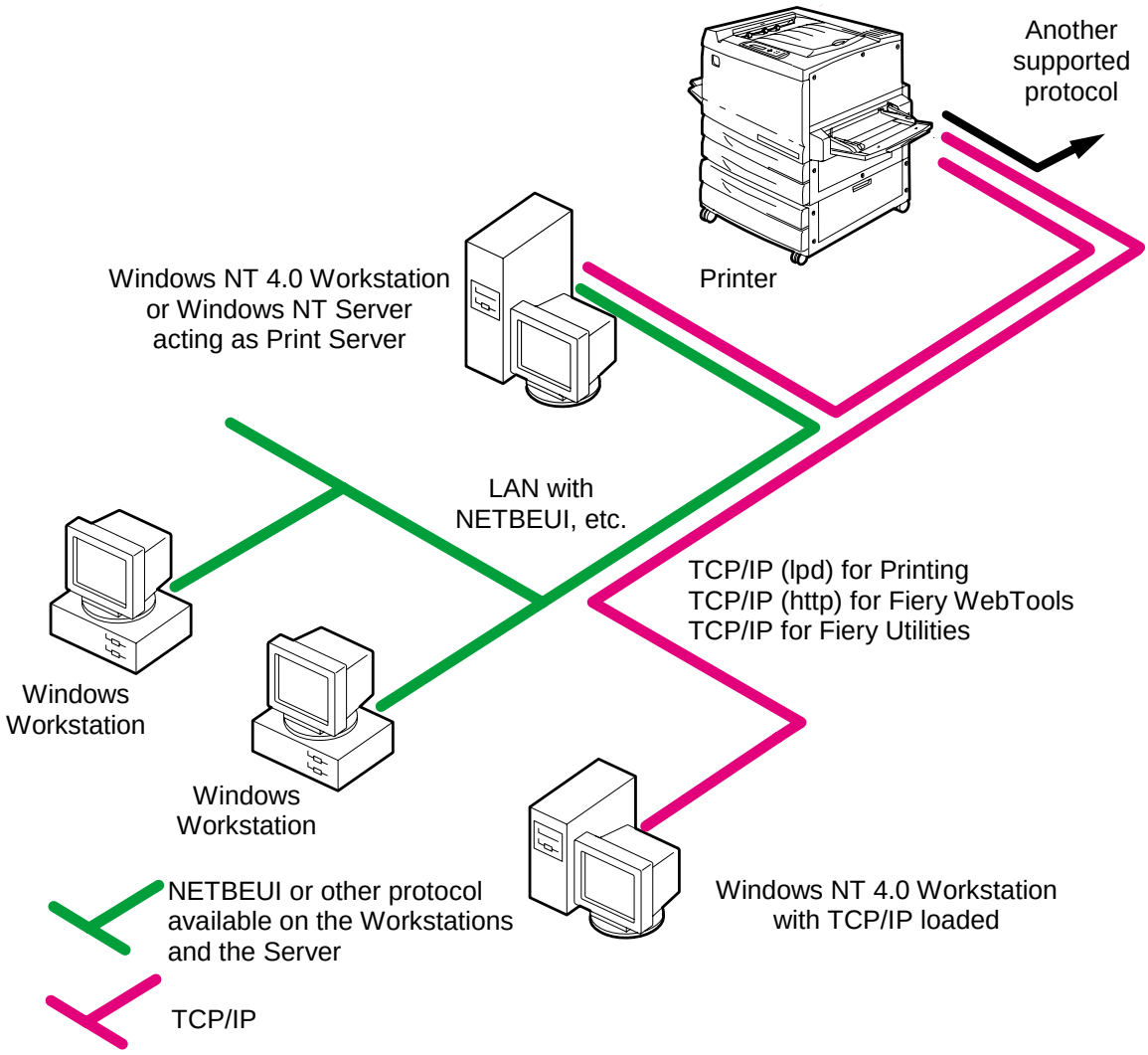
Windows Computers in a Novell Environment



Printing on this network:
All Windows Workstations can print through the NetWare Server

For using Fiery WebTools:
A Windows 95/98/Me Workstation with TCP/IP (http) loaded

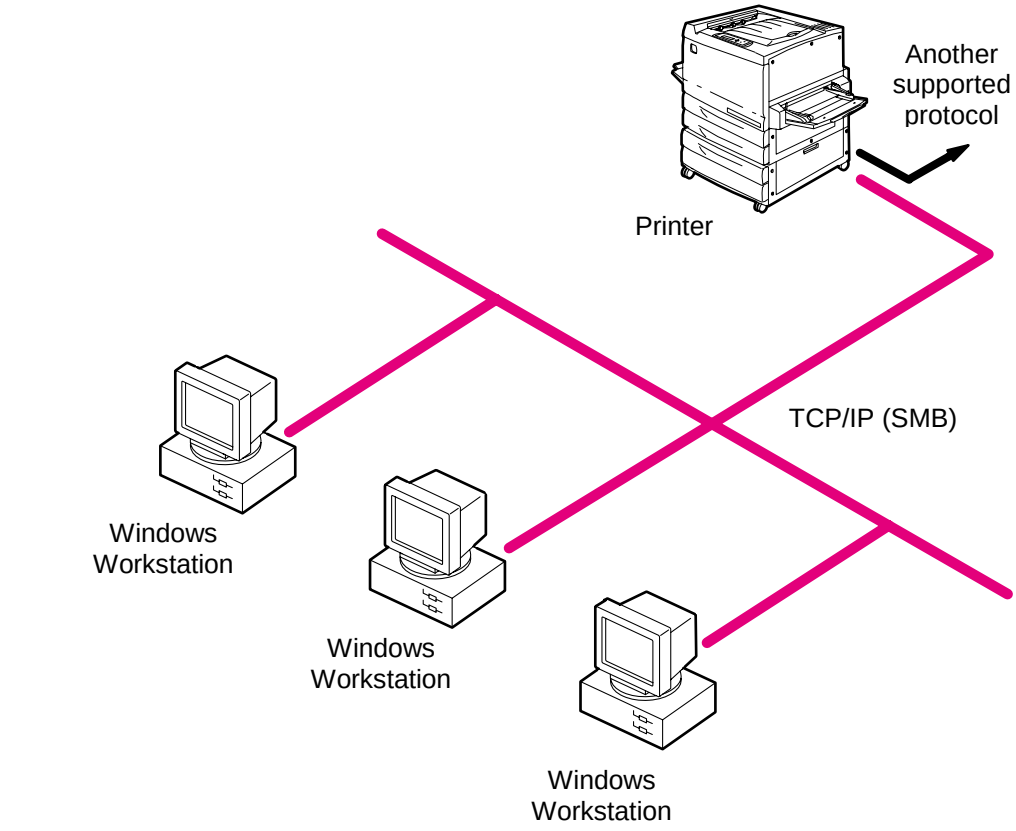
Windows NT 4.0 Server Environment


Another supported protocol
Printer
Windows NT 4.0 Workstation or Windows NT Server acting as Print Server
LAN with NETBEUI, etc.
TCP/IP (lpd) for Printing
TCP/IP (http) for Fiery WebTools
TCP/IP for Fiery Utilities
Windows Workstation
Windows Workstation
Windows NT 4.0 Workstation with TCP/IP loaded
NETBEUI or other protocol available on the Workstations and the Server
TCP/IP

Printing on this Network:
Windows 95/98/Me Workstations can print using a protocol available on the Windows NT 4.0 Print Server. Windows 4.0 machines can print using TCP/IP with the lpd protocol.

For Using Fiery Utilities and WebTools:
A Windows NT 4.0 Workstation with TCP/IP loaded

Windows Computers Using Windows Printing

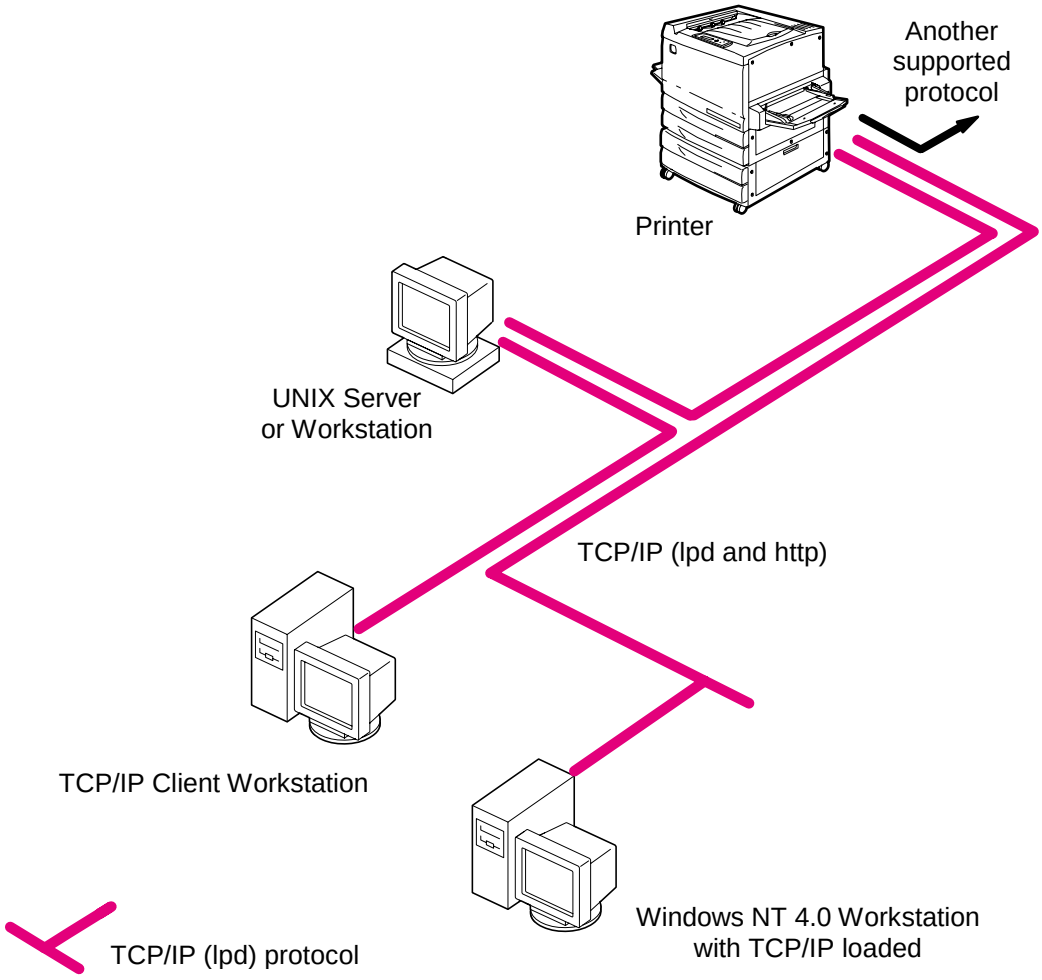


TCP/IP (SMB) protocol

For Windows Printing:
Windows 95/98/Me and NT 4.0 Workstation

Window (SMB) printing enabled

Unix and Windows NT 4.0 Workstations on a TCP/IP Network

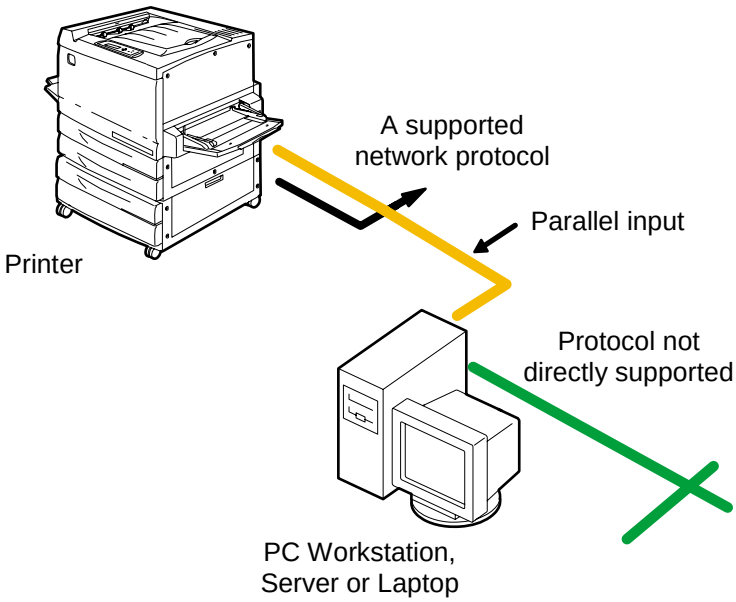


Printing on this Network:
UNIX Workstations with the TCP/IP (LPD) protocol can print directly and act as the host for shared printing

TCP/IP Workstations can print through the UNIX Server or directly; requires TCP/IP and the LPR Print Service loaded

For running Fiery Utilities and WebTools:
Only a Windows 95/98/Me, NT 4.0, or Mac OS Workstation with TCP/IP loaded can use these applications

Parallel Port Connection



Parallel

With the Parallel Port enabled, the printer can accept and print jobs sent to its parallel port

Connecting the DP-C106 to the Network

Complete the following steps before you configure the DP-C106 and the workstations that will print to it:

1. Ensure that the DP-C106 is plugged in, switched On, and functioning properly.
2. Prepare the network servers to share DP-C106 software and to enable networked users to print to the printer.
3. Power Off the DP-C106.

CAUTION

Do not attach cables to more than one Ethernet connector; only one Ethernet connection can be made at any one time.

4. Connect the appropriate network cable to the printer:
   - For **UTP cable** for 100Base-TX or 10Base-T, connect the RJ-45 cable connector to the RJ-45 socket on the back of the printer.
   - For **parallel cabling**, connect the Centronics cable to the parallel port on the back of the printer. Connect the other end of the cable to the parallel port on the Windows workstation. Power On the workstation and the DP-C106.
5. Configure network servers for printing. Refer to *Setting Up the Network Server.*

5 Preparing for the Setup

Successful printing requires careful setup. This chapter leads you through the pre-setup preparation. It also introduces Fiery WebTools, focusing on the utilities used in setup.

Levels of Access and Control

When you configure the printer during Setup as system administrator, you will implement a particular level of control by enabling or not enabling print connections, passwords, and access to Fiery WebTools. The level of control can range from strict to moderate to minimal or none.

- Strictest control might be appropriate for a high-volume printing environment where an administrator or operator controls the job flow and all printing. Jobs sent from client workstations are stored (spooled) to the printer hard disk until the operator releases them to the print queue. In this type of configuration, only the system administrator and lead operator have access the job management tools.
- Least control might be appropriate for a small site where anyone on the local network can access and control all printing and printer functions. Although there may be an administrator or operator charged with certain duties, all users have equal access to the system and job management tools.

Printer Connections

The DP-C106 supports three print connections:

- **Hold Queue** — Jobs that are sent to the Hold queue are spooled to the printer hard disk for printing at a later time or for repeated printing. Because the Hold Queue is a storage place, jobs sent to it cannot be printed without being released through the job management tools.
- **Print Queue** — This is the standard printer queue. Jobs sent to the Print queue are processed and printed in the order received. Jobs prioritized by an operator from the job management tools and jobs sent through the Direct connection can take priority over jobs sent to the Print queue.
- **Direct Connection** — This Connection transmits jobs directly to the printer, but only when the printer is not processing another job. If the printer is busy, the job remains at the user workstation until the printer is ready. The job is then processed as soon as the previous job is finished and before the next queued job is processed.

  Jobs sent to the Direct Connection are not stored on the printer hard disk and cannot be selected for reprinting, moving, or deletion. Therefore, this connection provides a measure of security for sensitive files. Jobs sent to the Direct Connection are displayed in the Job Log. You cannot use the Direct Connection for lpd printing over TCP/IP.

  To download fonts to the printer, you must publish the Direct Connection.

These print connections can be enabled or published in Printer Setup. All published connections are constantly checked for the presence of jobs. To use the Fiery Utilities and Fiery WebTools, enable either the Hold Queue and/or the Print Queue.

The Print Queue and Direct Connection give remote users more direct access to the printer than the Hold Queue. Therefore, the Print Queue and Direct Connection should not be published in environments that require stricter control.

In addition, you can enable the Printed Queue, a storage area for the most recent jobs from the Print Queue, and specify the maximum number of jobs retained. Using jobs management tools, a user can reprint jobs in the Printed Queue.

Passwords

Passwords provide a means of controlling access to printer functions:

- **Administrator** passwords provide the highest level of control, since the administrator has access to Setup and can control the printing and job management environment. Administrator privileges include publishing print connections, setting passwords, deleting fonts, clearing the printer of all job data, and setting the WebLink help page destination.

  When the Printer Control Panel prompts you for the Administrator password, you must enter it immediately or the control panel returns to an Idle state and you must start over again.

- **Operator** passwords enable control of print jobs from the job management tools (including the ability to override job settings), the ability to perform printer calibration, and the ability to override calibration settings.

- **Guests** do not require passwords to log into job management tools. Guests are limited to viewing job status; they cannot make changes to jobs or to the printer setup.

By default, no passwords are set on the printer. If you do not specifically set passwords, all users will have administrator privileges, which include access to important functions such as Setup (including setting passwords) and job control. It is strongly recommended that you set at least an Administrator password to protect the printer from random or accidental changes to Setup.

Where to Set Passwords

Administrator passwords can be set at the Printer Control Panel or in Fiery WebSetup.

Operator passwords can be set at the Printer Control Panel or in Fiery WebSetup.

Control Level Scenarios

Typical scenarios of access and control, ranging from least control to strictest control, are described below. Select the scenario that best matches your site requirements, and then refer to the corresponding number in the table for guidance on how to configure your system for those requirements.

It is *strongly recommended* you set *at least* an Administrator password to prevent unauthorized changes to system settings.

- **Least Control** (*not recommended*)—No designated administrator or operator

  All users have equal access to all system functions including Setup, clearing the printer, deleting printer fonts, performing calibration, printing to all print connections, and managing all jobs from the job management tools.

- A designated administrator but no designated operator

  Only an administrator can perform Setup and other administrator functions, but all other system functions are accessible to all users, including performing calibration, printing to all print connections, and managing all jobs from the job management tools.

- A designated administrator and a superuser operator

  Only an administrator can perform Setup and other administrator functions, and only an operator or administrator can perform calibration and control jobs from the job management tools. Users can print to all print connections.

- A designated administrator and a designated operator, no Fiery WebTool access

  Only an administrator can perform Setup, and only an operator or administrator can perform calibration and control jobs from the job management tools. Users can print to the Hold Queue and the Print Queue, but not to the Direct Connection. The operator controls all job flow, but jobs sent to the Print Queue may not require operator intervention.

- **Strictest Control**-A designated administrator and a designated operator, no Fiery WebTool access, operator controls all jobs

  Only an administrator can perform Setup, and only an operator or administrator can perform calibration and control jobs from the job management tools; users can print only to the Hold Queue; the administrator and the operator have complete control of job flow; no access to Fiery WebTools.

Setup Values	1 (Least)	2	3	4	5 (Strictest)
Set an Administrator Password (strongly recommended)		X	X	X	X
Set an Operator Password			X	X	X

Fiery WebTools

The printer can support Internet or intranet access with Fiery WebTools from Windows 95/98/Me, Windows 2000, Windows NT 4.0,and Mac OS Workstation using the recommended browsers: Internet Explorer 4.x and higher or Netscape Navigator 4.x and higher.

To enable use of Fiery WebTools, perform the following in Setup:

- Enable TCP/IP
- Set an IP address, subnet mask and gateway address for the printer

Instead of manually assigning the IP address, subnet mask and gateway address, you can use DHCP, RARP or BOOTP protocols to assign some or all of these addresses. Refer to the chapter *Performing the Setup from the Printer Control Panel*.

Passwords can be set to control access to Fiery WebTools features. If you do not specifically set these passwords, all users have access to Fiery WebTools functions.

Fiery WebTools include Status, WebInstall, Web Setup, WebDownloader, Web Link and WebSpooler. For more information, refer to *Using the Fiery WebTools*.

Network Server Setup Requirements

For Novell, and Windows NT 4.0 (using TCP/IP) networks, the network servers must be configured for printing *before* you configure printer network settings in Setup. The diagrams in *Connecting to the Network* provide references for network server setup.

To configure network settings in Setup, you need a live network connection so the printer can query the network for zones, servers, and server-based queues.

Whenever the configuration of the server, the printer, or the network itself changes at your site, you can modify individual settings to correspond to the changed environment. Changing network or port settings may require that you make changes to other Setup options.

Ensuring the Printer Connection

Complete the following steps before you configure the server and the workstations that will print to the DP-C106. A service technician may have performed some initial installation.

1. Print a Test Page from the Printer Control Panel to ensure that the printer is functioning normally in a stand-alone mode.

   To print a Test Page:

   a. Press the **MENU** button on the printer control panel until the message **PRINT PAGES FROM LIST** is displayed.

   b. Press the **ITEM/ENTER** button to display **PRINT CONFIGURATION**.

   c. Press **ITEM/ENTER** to print the page.

2. Switch Off the printer and connect the interface cable from the printer to the server.

3. To confirm the connection, switch On the printer and print another test page from the Printer Control Panel.

4. With the printer switched Off, connect the network cable to the network, as described in *Connecting to the Network.*

   The network should already be installed and operational.

5. Switch On the printer.

6. Prepare network servers to share printer software and to enable networked users to print to the DP-C106.

   Refer to *Setting Up the Network Server* for details.

7. Perform Printer Setup as described in *Performing the Setup from the Printer Control Panel*.

6 Setting Up the Network Server

This chapter describes environments that typically include one or more Novell NetWare and Windows NT 4.0 network servers that share printing to the DP-C106. It describes setting up servers that use IPX/SPX or TCP/IP protocols for communicating with the printer. The chapter includes guidelines for setting up direct communication from Windows NT 4.0 and UNIX workstations, where a network server is optional. It also outlines the requirements for network clients to print to the DP-C106 and to run the Fiery WebTools and utilities.

For specific Novell procedures, refer to your Novell documentation.

The DP-C106 can accept jobs concurrently from NetWare, Windows NT 4.0, and AppleShare servers, as well as jobs sent directly from Windows NT or UNIX workstations. Because AppleShare servers require no special configuration, they are not discussed in this section, except for their use in the NT 4.0 Windows environment.

Support for Fiery Utilities

The Fiery Utilities (ColorWise Pro Tools , Fiery Spooler and Fiery Link) are supported over the TCP/IP platform on Windows 95/98/Me, Windows 2000 and Windows NT 4.0 platforms. More information is provided in later chapters, according to network type.

Printing on a NetWare 3.x, 4.x or 5.x Network

The NetWise™ features built into the DP-C106 supports the following network operating environments:

- NetWare 5.x—Bindery and Novell Directory Services (NDS)
- NetWare 4.x—Novell Directory Services (NDS)
- NetWare 3.x—Bindery services
- Servers running NetWare 4.x in bindery emulation mode

The term *bindery server* refers to a Novell file server running NetWare 3.x or running NetWare 4.x and NetWare 5.x in emulation mode.

The term *NDS* describes components of a NetWare operating system running NetWare 4.x in native mode.

Ethernet-based NetWare networks support the IPX/SPX protocol.

Setting up a NetWare environment correctly requires the cooperation of the Novell network administrator. You must have administrator privileges on the network to create new NDS or bindery objects.

NetWare clients print to the DP-C106 through the Novell network server. Server setup and client network setup are outlined in this chapter.

For information about client setup and printing refer to the installation and printing chapters that are appropriate for the operating system.

The DP-C106 can receive print jobs from NetWare clients over the Ethernet network topologies. During printer setup, you select the frame type(s) that will be used for communication between the DP-C106 and the network servers. Frame type refers to the format of a communications packet; frame types are specified in a startup file when the NetWare server (or any other workstation) loads its network drivers.

IPX-supported client workstations running Windows 95/98/Me and Windows NT 4.0 communicate directly to the printer, not through the NetWare server.

Overview of IPX Printing to the DP-C106

Setting up the DP-C106 is similar to setting up any other PostScript printer on the network. The following information is useful for experienced system administrators.

The DP-C106 with IPX connections has these characteristics:

- NetWare 3.x, 4.x and 5.x are supported directly. NetWare 4.x is also supported through bindery emulation.
- A minimum connection to the DP-C106 consists of a NetWare file server, a NetWare print server, and a NetWare queue.
- A single directory tree (for NetWare 4.x) and up to eight bindery servers can be configured simultaneously. This limit is the same for Ethernet configurations.
- The DP-C106 searches for print jobs on one NetWare print server per bindery server.
- Each print server can store jobs for any print connection on the DP-C106.
- Windows 95/98/Me and Windows NT 4.0 workstations (whether a Novell server is present or not) can use IPX/SPX protocols for communicating with the printer directly or use Fiery Utilities (ColorWise Pro Tools, Fiery Spooler and Fiery Link).

NetWare file servers support the creation of print queues, which are storage areas for print jobs. When a client on a remote workstation decides to print, the job is directed to a print queue on the NetWare file server and spooled to the NetWare server disk, freeing up the client workstation.

The queues on the NetWare server must be named to match the Direct connection, Print queue, and Hold queue on the printer. The NetWare queue names should be given one of the following lower case extensions in English:

_print

_hold

_direct

You do not have to rerun Setup when adding or removing a NetWare queue, but you should initialize these settings by powering the printer Off and On after a queue is created or removed.

When the DP-C106 is configured to connect to a NetWare server, it polls the NetWare server for jobs in each of its queues. If jobs are found, they are transferred over the network to the matching connection. For example, jobs from the NetWare queue with the _print extension are sent to the Print queue. While a job is processed and printed, a record of the job is created. You can access the Job Log containing these records at any time.

Configuring a NetWare 3.x, 4.x or 5.x Server for Printing

Use this section when you set up a NetWare file server so that networked users can print to the DP-C106 from their workstations and the printer can obtain jobs from the NetWare server.

For *each* NetWare file server that you configure, follow these general steps:

- Ensure that the server is connected to a functioning IPX network.
- Log in as the Supervisor from a PC connected to the NetWare file server.
- For NetWare 4.x and 5.x installations, set up an NDS connection.
- For NetWare 4.x and 5.x in emulation mode, set the bindery context.
- For NetWare 3.x and for NetWare 4.x and 5.x in bindery emulation, set up a file server, a print server, and a print queue for the DP-C106.

More detail is provided in subsequent sections and in your NetWare documentation.

With bindery services, you can route all DP-C106 print jobs through the same NetWare file server, or you can configure more than one file server to handle DP-C106 jobs.

The functions you perform on the Novell server, on the DP-C106 and on the client workstation, are summarized in the following tables. Complete the operations on the server first, then at the DP-C106, and finally at the client workstation.

Configuring NDS Connections

On the NDS File Server	In WebSetup	At the Client Workstation
In NetAdmin: Create NDS print queues Create the NDS printer and assign print queues Create the print server and assign the printer Configure users of the print queue	• Port Setup: Ethernet Setup • Protocol Setup: IPX/SPX Setup—select frame type(s) • Service Setup: PServer Setup and NDS Setup • Select **Root** • Browse to select **print server** • Specify print queue search root (optional) • Set Polling Interval	Install user software For printing: Connect client to print queues that you set up on the NetWare file server (Associated with the print server selected in NDS Setup). For running the Fiery utilities: Configure the connection to the printer.

Configuring a Bindery Connection

On the Bindery File Server	In WebSetup	At the Client Workstation
In PConsole: Select up to 8 NetWare file servers For *each* file server: • Configure the print server • Configure the print queue • Configure the users of the print queue	• Port Setup: Ethernet Setup • Protocol Setup: IPX/SPX Setup—select frame type(s) • Service Setup: PServer Setup and Bindery Setup • Add up to 8 file servers • Set Polling Interval	Install user software For printing: Connect client to print queues that you set up on the NetWare file server (Associated with the print server selected in Bindery Setup). For running the server utilities: Configure the connection to the printer.

Setting Up an NDS Connection

In NDS, all NetWare entities (objects) are organized in a hierarchical tree structure. Objects have a name, properties, and a context that defines the location of the object in the directory tree. For the DP-C106, you must define a printer, a print server object, and one or more print queue objects. Objects are created in NetWare administrator programs, such as PConsole, NetAdmin, or NetWare Administrator.

The top-level object is known as the [Root] object. The name of the [Root] object is also the name of the tree. Below the [Root] are other objects: *containers* that consist of other objects or *leaf* objects that do not contain other objects. Access to objects is controlled by rights that are defined as properties of each object. Rights are established by system administrators.

Setting the NetWare 4.x or 5.x Bindery Context

You can connect only one directory tree to the DP-C106. If you need to connect additional NetWare 4.x or 5.x servers, you can do so by using bindery emulation, which causes the 4.x or 5.x server to behave like and be accepted as a NetWare 3.x server.

Keypoint: *The selected file server must be in a different tree from that selected in NDS Setup.*

Up to eight bindery servers, in native 3.x or 4.x or 5.x emulation mode can connect to the DP-C106.

In order to set up the NetWare 4.x or 5.x server in bindery emulation mode for printing to the DP-C106, the system administrator must:

- Determine the Directory Services path to the container in which the print server and the print queue for the DP-C106 will be created. The container defines the *bindery context* for the network structure.
- Edit the network startup file to set the bindery context.
- Activate the new bindery context.

Setting Up a NetWare Print Queue for Bindery

For NetWare 3.x and for 4.x or 5.x in emulation mode, the NetWare print server and print queue for DP-C106 are created and configured from NetWare Print Console (PCONSOLE), a utility that is stored in the NetWare Public directory.

As with NDS, create several NetWare entities on a Novell server, then select them in the Network Setup.

Setting Up NetWare Windows Clients for Printing

Before setting up client workstations for printing, ensure that you perform Network Setup on the DP-C106 and that the settings reflect the entities you created in the NetWare administrator utilities.

For printing to the DP-C106, connect all Windows clients to a Novell NetWare server and permit them to connect to the NetWare print server or servers on which you defined a print queue.

After the Novell server and the DP-C106 have been set up, client setup consists of the following:

- Installing the networking protocol, binding it to the network adapter card, and permitting the client to log in to the NetWare file server.

  On Windows 95/98/Me and Windows 2000 workstations, both the IPX/SPX-compatible protocol and the Client for NetWare Networks should be loaded from the Network Control Panel.

  On Windows NT workstations, Client Service for NetWare (CSNW) should be installed. Use the CSNW option in the Control Panel to set printing options and specify a preferred NetWare server.

- Setting up the DP-C106 as a PostScript or PCL printer by installing a PostScript or PCL printer driver and the DP-C106 PPD or PDD (PostScript or PCL printer description file).

- Adding a network port and connecting the workstation to one or more NetWare queues that have been defined for the DP-C106.

  Refer to the chapter *Connecting to the Network* for details on how to connect to Windows 95/98/Me and Windows NT 4.0 workstations

- Installing other Fiery software, such as Color Reference files.

  Refer to *Installing the Fiery Software for Windows and Macintosh* for details.

The DP-C106 on a TCP/IP Network with Windows NT 4.0

When a Windows NT 4.0 workstation is configured to connect to the DP-C106 using TCP/IP, it can print directly to the printer. If the workstation shares the printer over the network, it is acting as a print server to Windows NT 4.0 clients. The client workstations print to the DP-C106 by printing to the Windows NT 4.0 print server. Printing can then be monitored and controlled at the Windows NT 4.0 print server.

With TCP/IP protocols loaded, you can also run Fiery WebTools and utilities from a Windows NT 4.0 or Windows 95/98/Me workstation.

The Windows NT 4.0 server can also use AppleTalk protocols for printing. When creating a printer to share with AppleTalk users, do not *capture* the printer, as this forces all users to print to the server rather than directly to the printer. If you capture the printer, print connections will not be displayed in the Mac OS Chooser.

Ensure that the following are true when TCP/IP network connections are made:

- Ensure that the IP addresses are valid for the DP-C106 and for any workstations that will print to it or run Fiery utilities.
- In Printer Setup, enable TCP/IP and enter the IP address, subnet mask and gateway address for the DP-C106. You can enter these addresses manually or use DHCP, RARP, or BOOTP protocols to assign them dynamically.
- Ensure that the DP-C106 name and address are listed in a domain name server (DNS) or a hosts name database used by the system.
- Ensure that your system host table includes the correct internal name for the DP-C106 as a remote printer.
- For Windows NT 4.0, install the DP-C106 PostScript and PCL printer driver files on the Windows NT 4.0 print server from the User Software CD.
- Repeat the installation for everyone who prints to the DP-C106. Each server and workstation running the Fiery utilities with TCP/IP also needs the TCP/IP protocol and the Fiery utility software.

Configuring a Windows NT 4.0 Server

Use the following procedure to configure a Windows NT 4.0 server to communicate with the DP-C106. Basic steps include:

- Load the TCP/IP network protocol and configure it with an IP address, subnet mask and gateway.
- Enter the host name of the DP-C106 in the host database
- Perform Printer Setup.
- On the Windows NT 4.0 server, create a printer for each print connection, install the appropriate printer drivers, and (optionally) share the printer on the network.
- Enter the host name and remote printer name of the DP-C106 in the printer connection.
- If the Windows NT 4.0 server is also a workstation, install the Fiery utilities.

More detail is provided in subsequent chapters and in your Microsoft documentation.

Adding the DP-C106 to the TCP/IP Network (Windows NT 4.0)

If your TCP/IP network consists of Windows NT 4.0 servers and Windows NT 4.0 clients, perform the following procedure.

1. Register the IP address of the printer in the host name database used by your system.

   For installations that do not have a system administrator or a central host name database, add the printer to the **hosts** file on the Windows NT 4.0 server.

   Add the printer to the **hosts** file on any workstations that have TCP/IP loaded and will use the Fiery Utilities.